

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

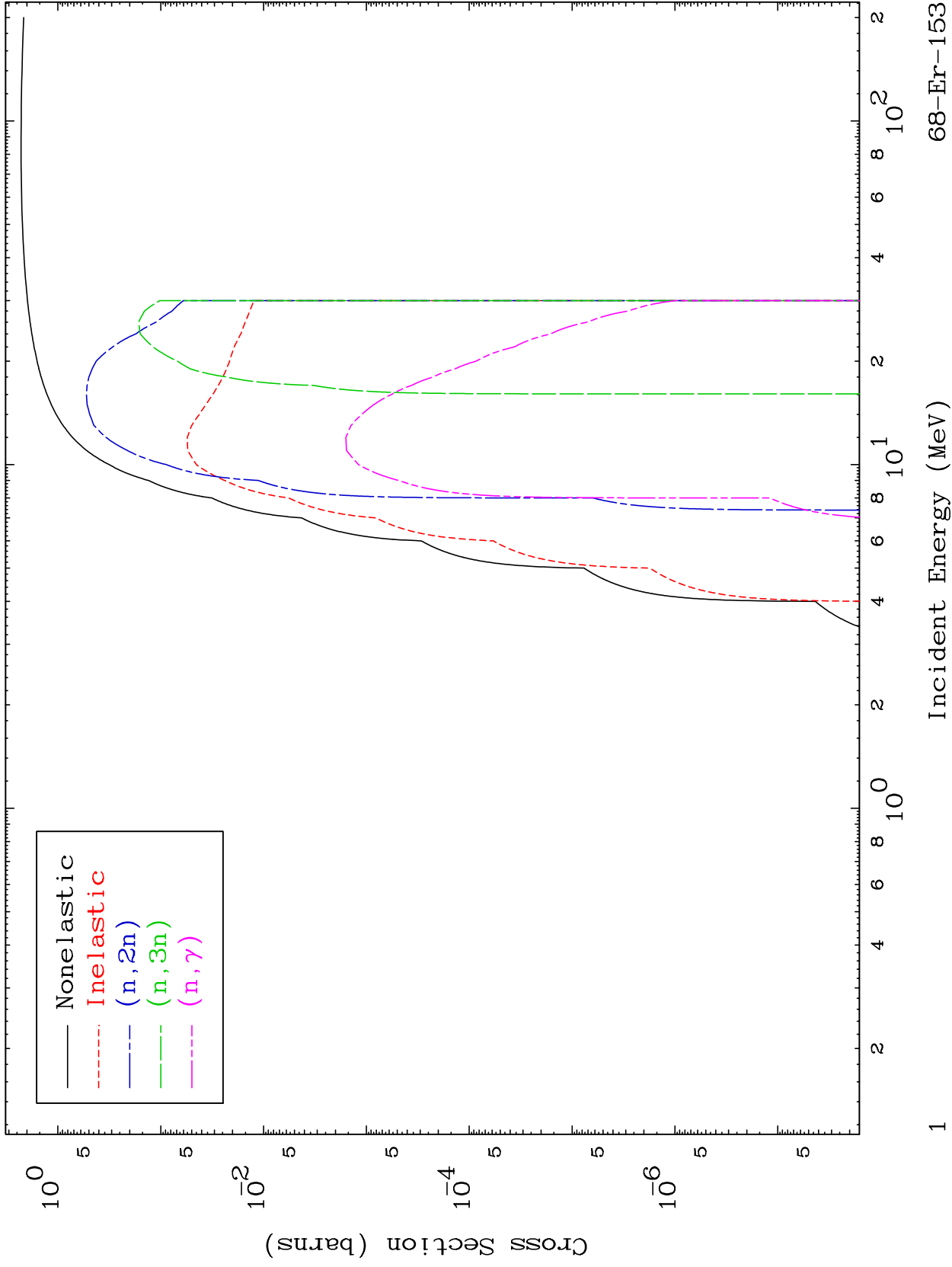
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

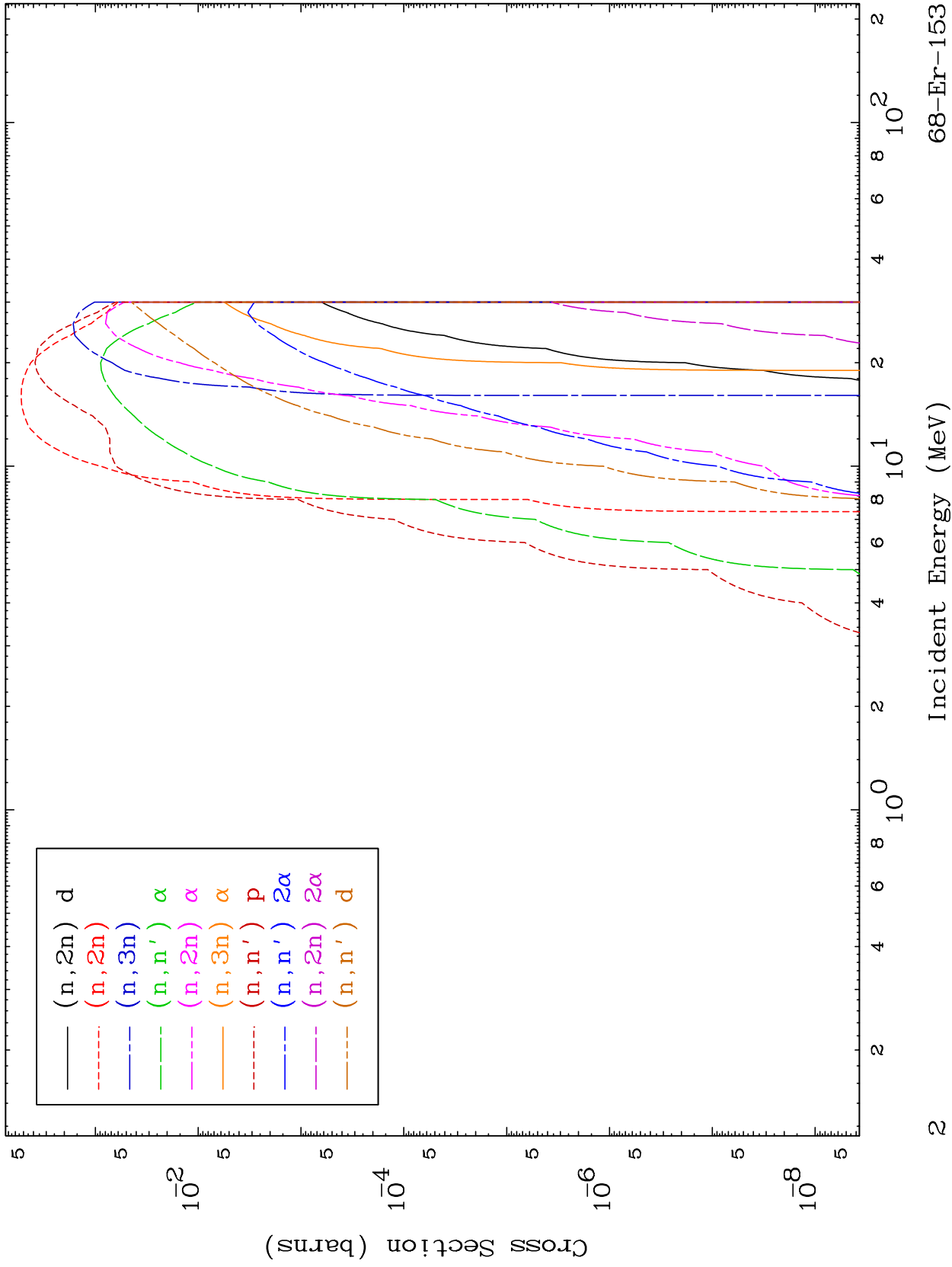
Tele: 925-443-1911

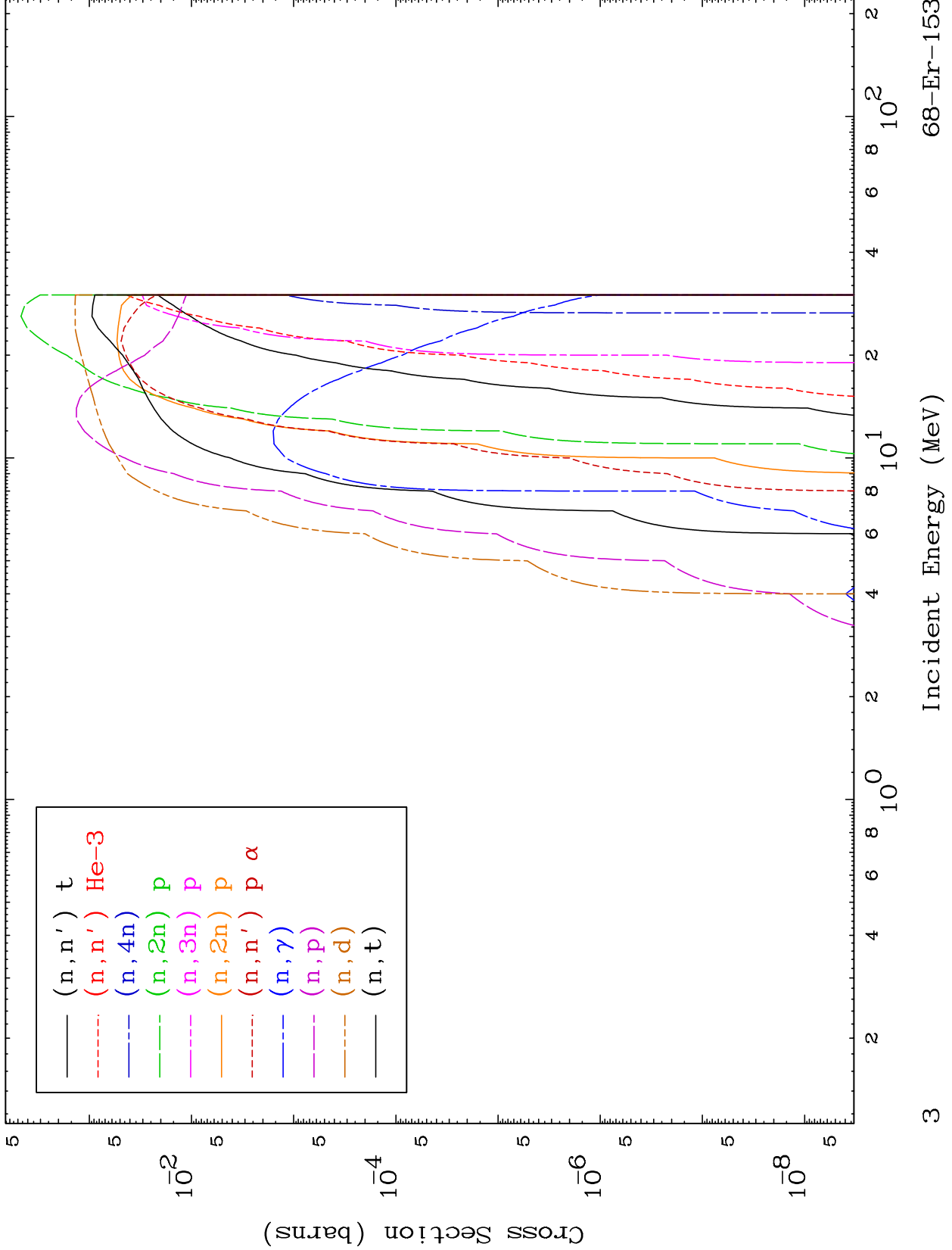
E.Mail: redcullen1@comcast.net

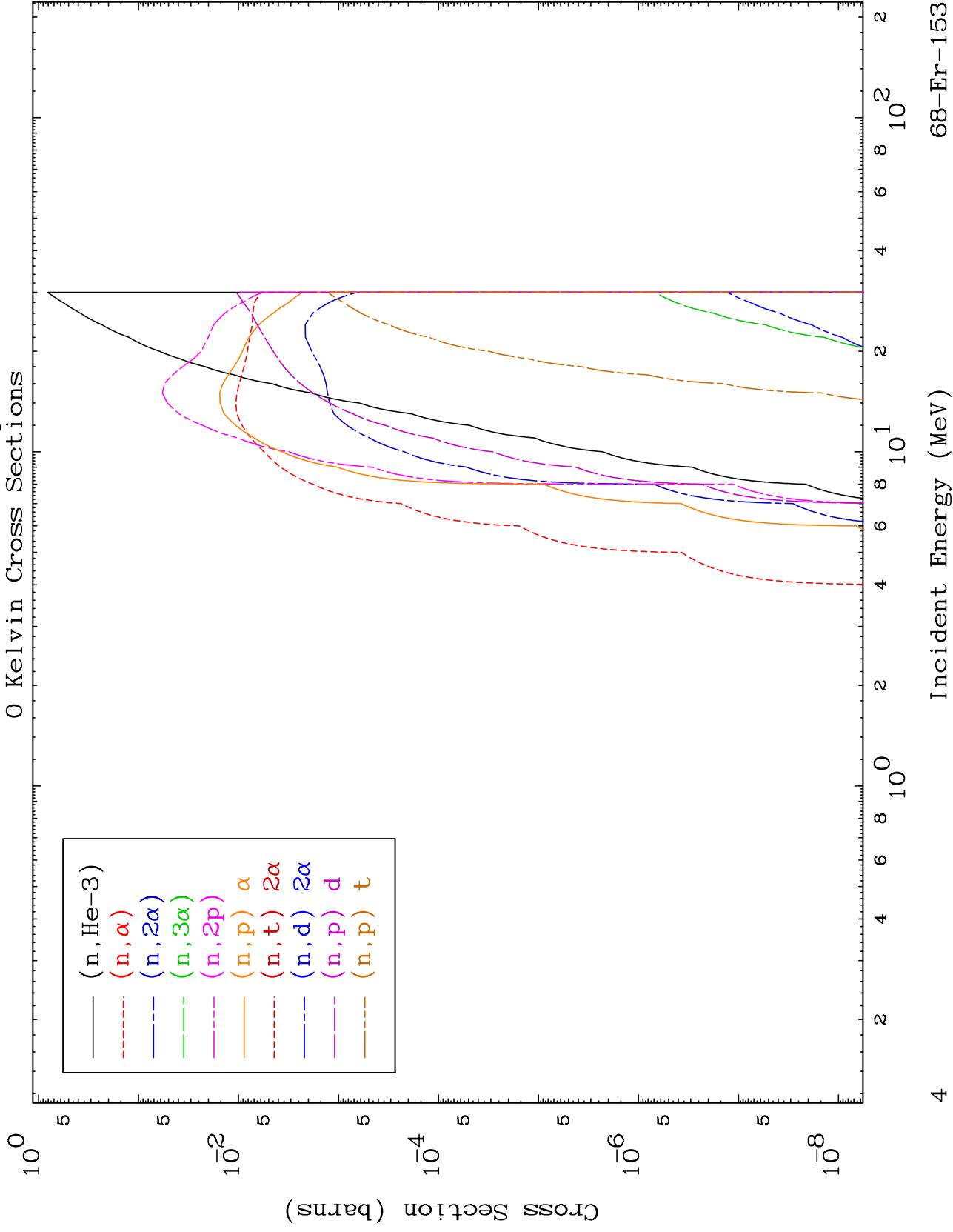
Web: redcullen1.net/HOMEPAGE.NEW

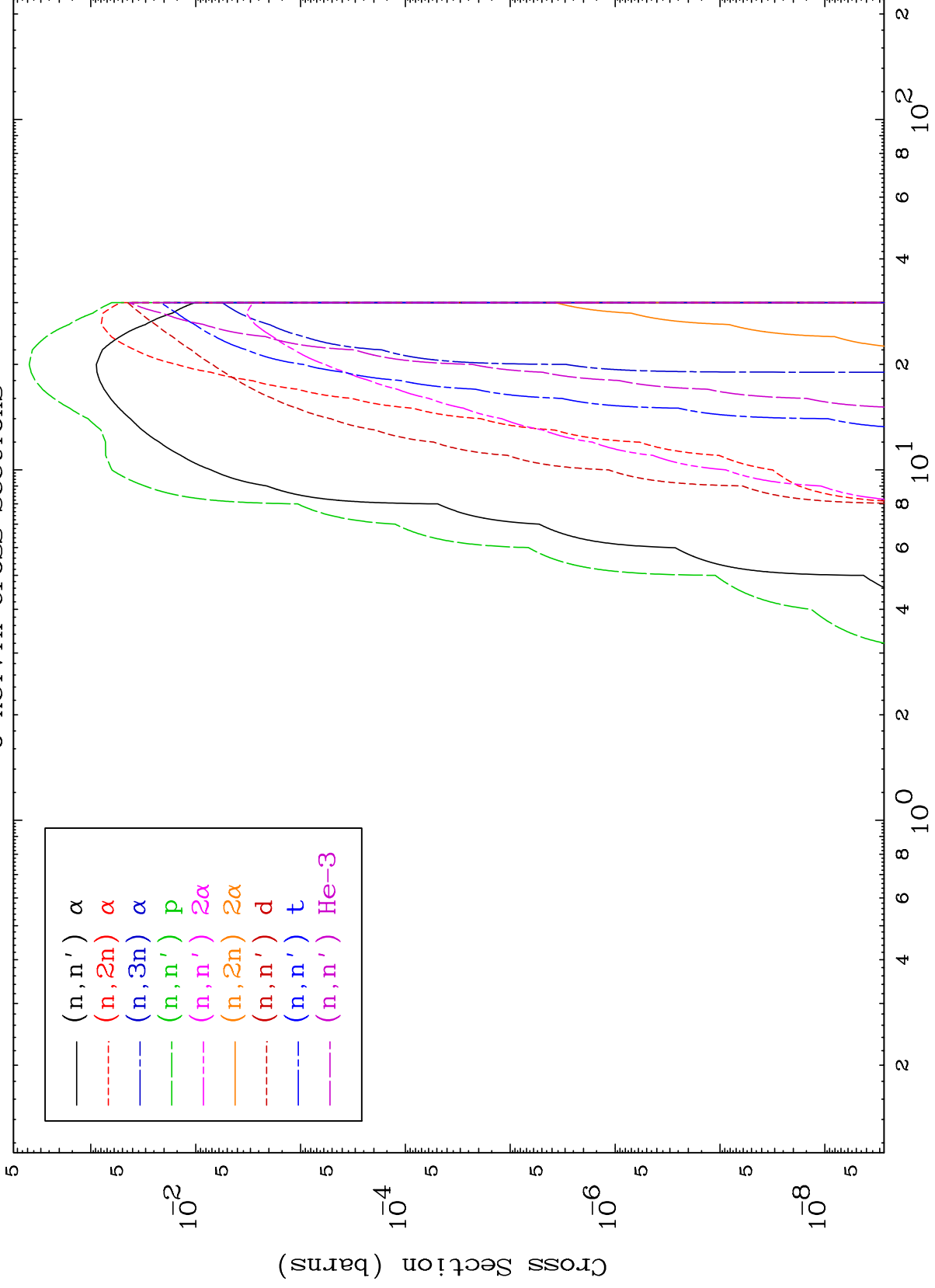
Press Mouse Button to Start

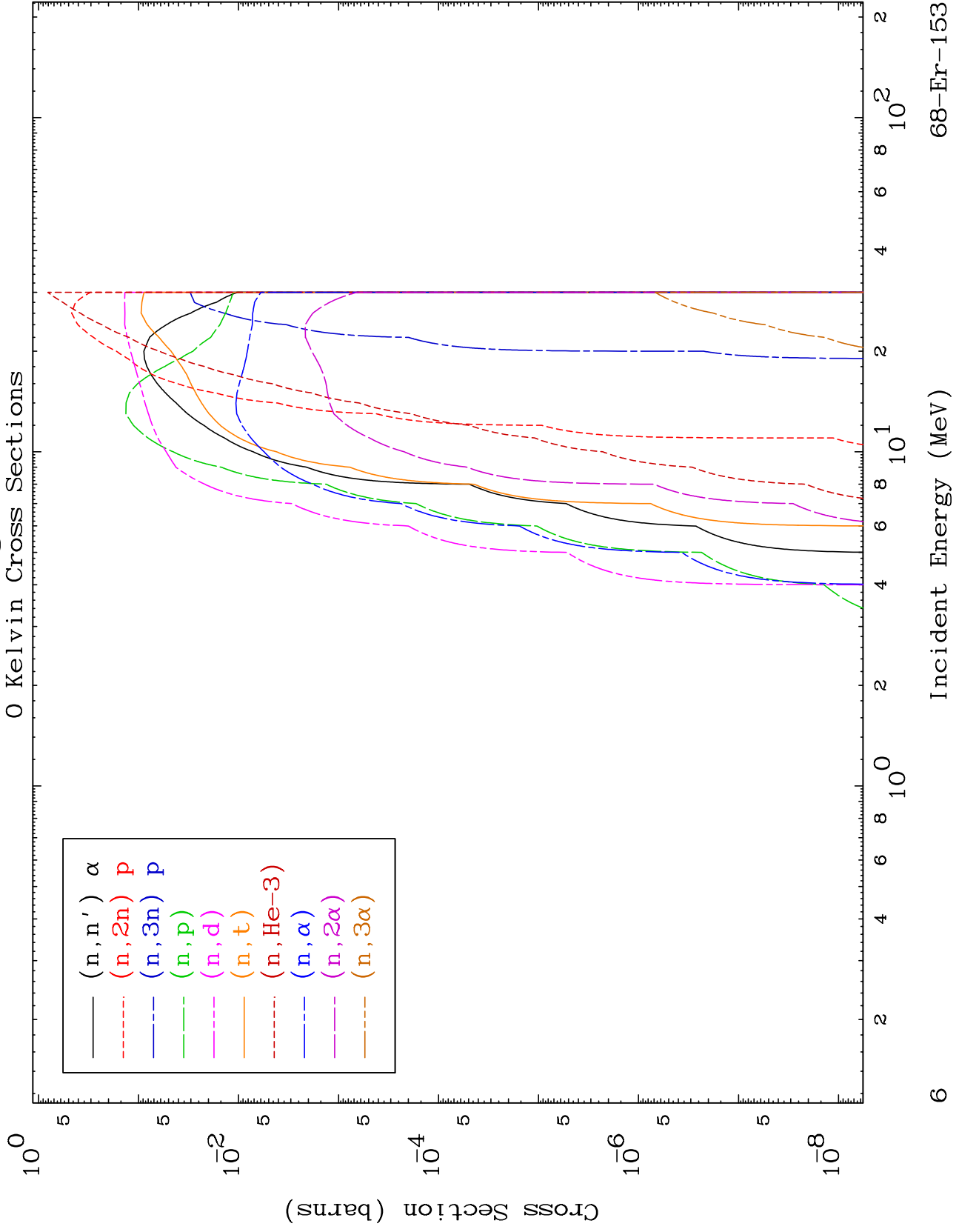


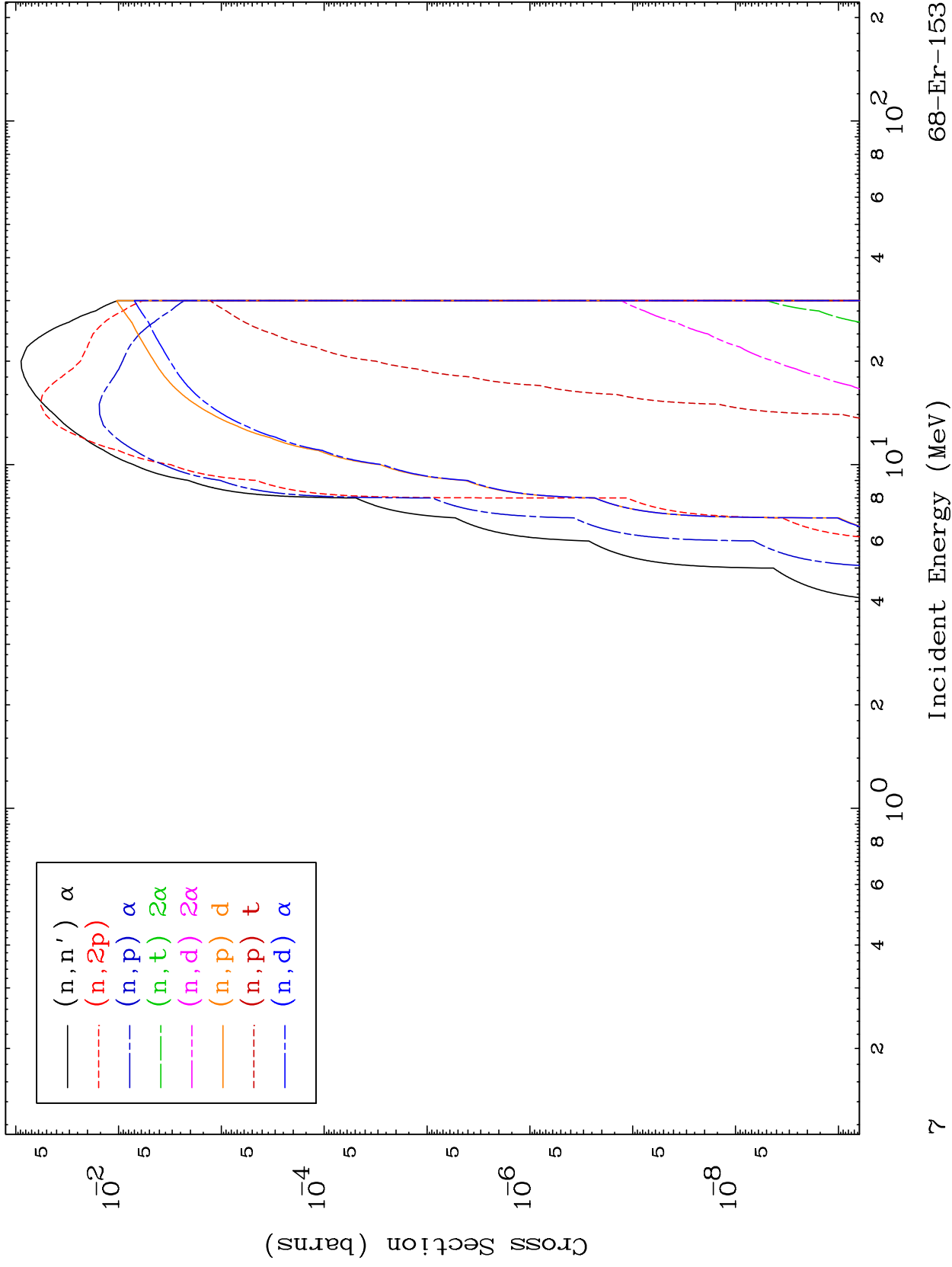




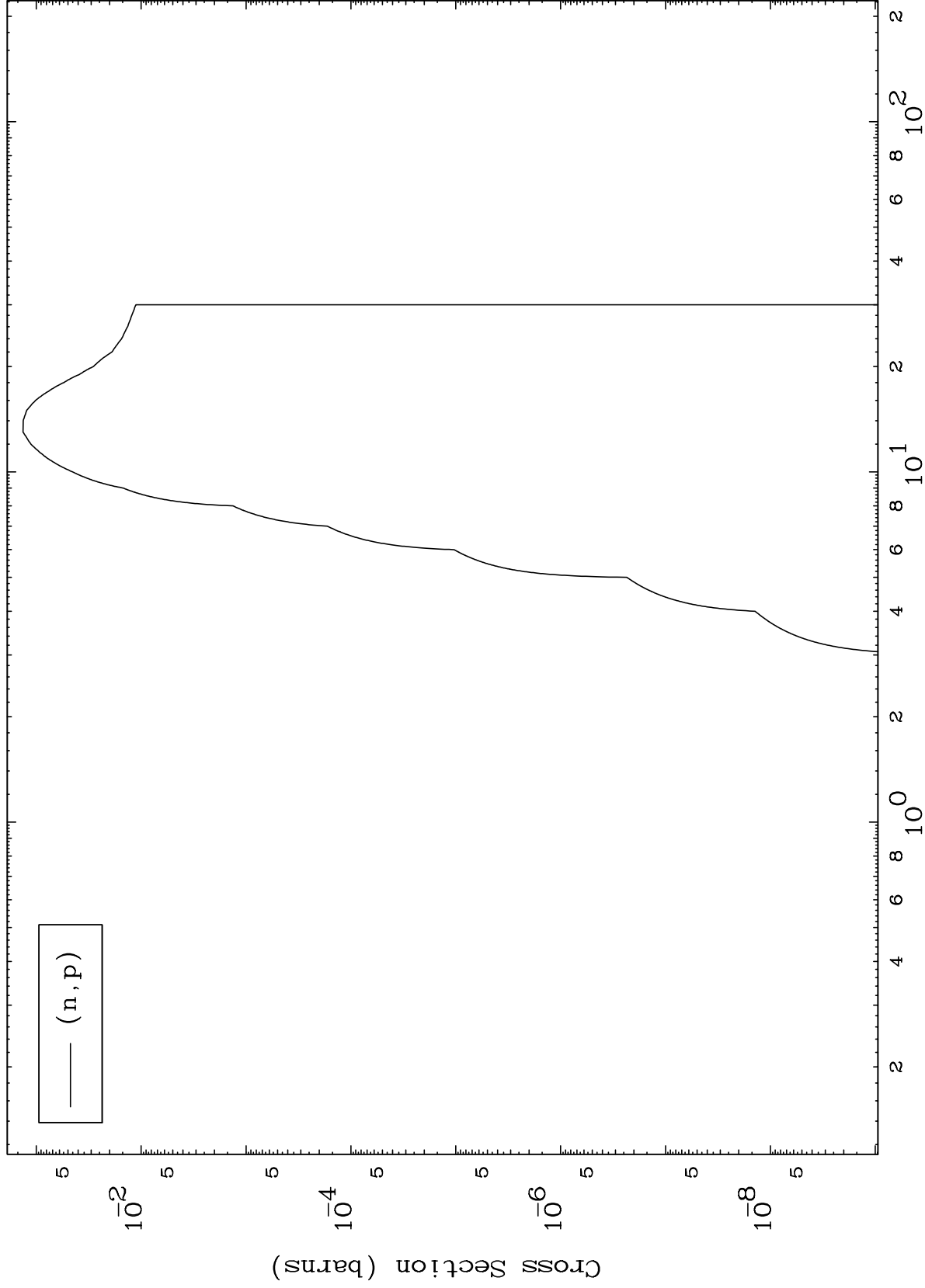




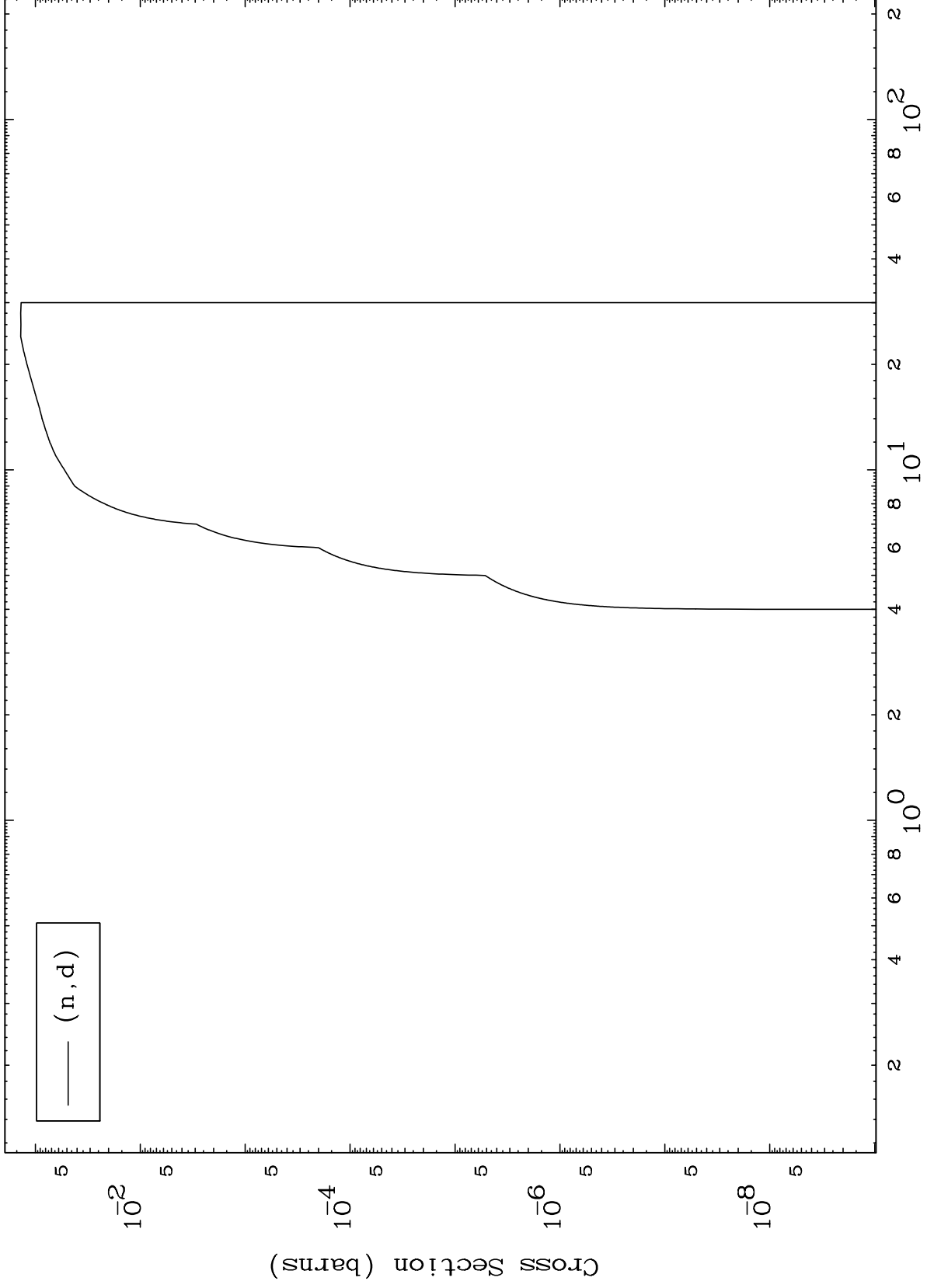




0 Kelvin Cross Sections



(t, d) Levels
0 Kelvin Cross Sections



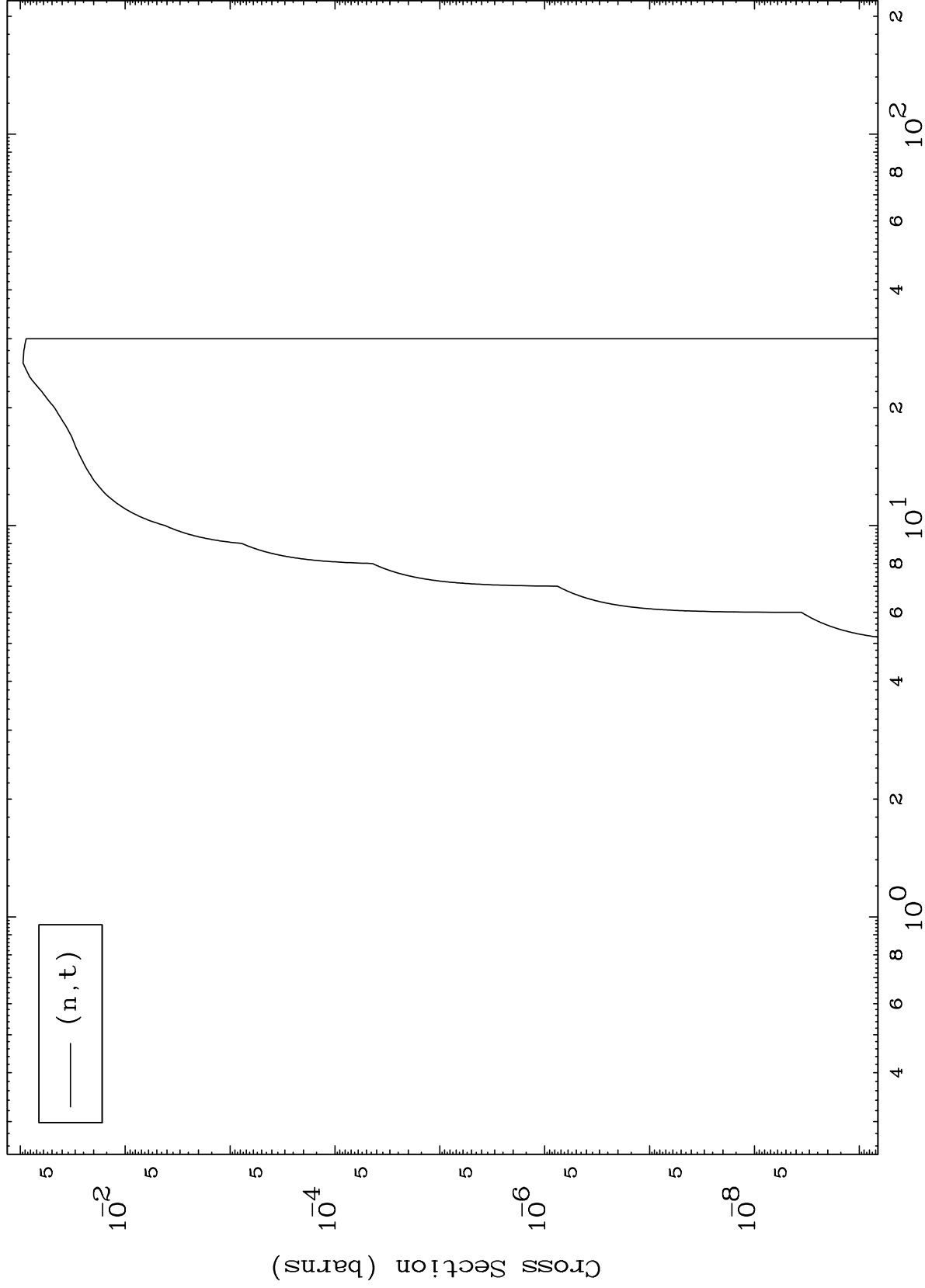
Incident Energy (MeV)

MAT 6798

(t, t) Levels

68-Er-153

0 Kelvin Cross Sections



10

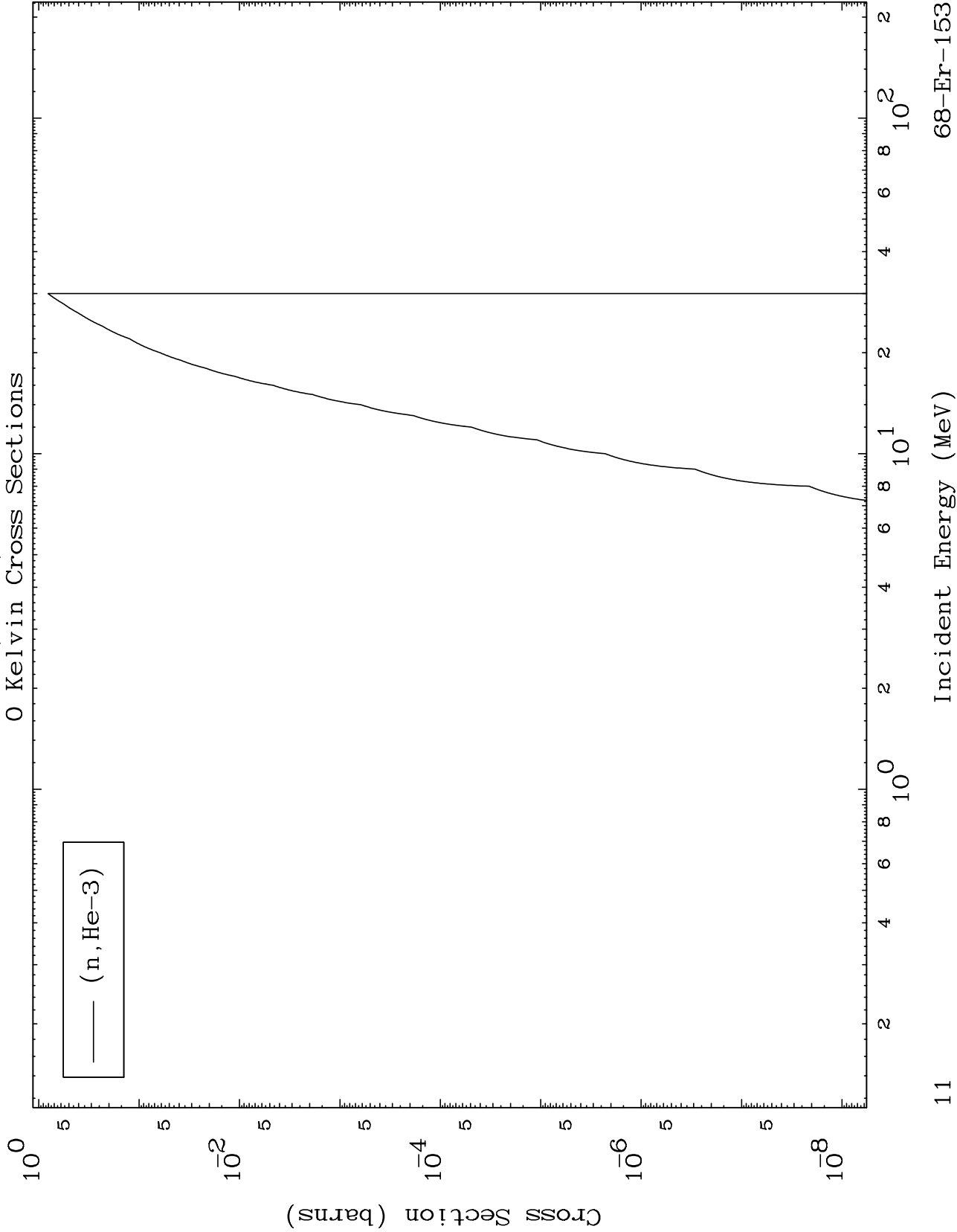
Incident Energy (MeV)

68-Er-153

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(t,He3) Levels

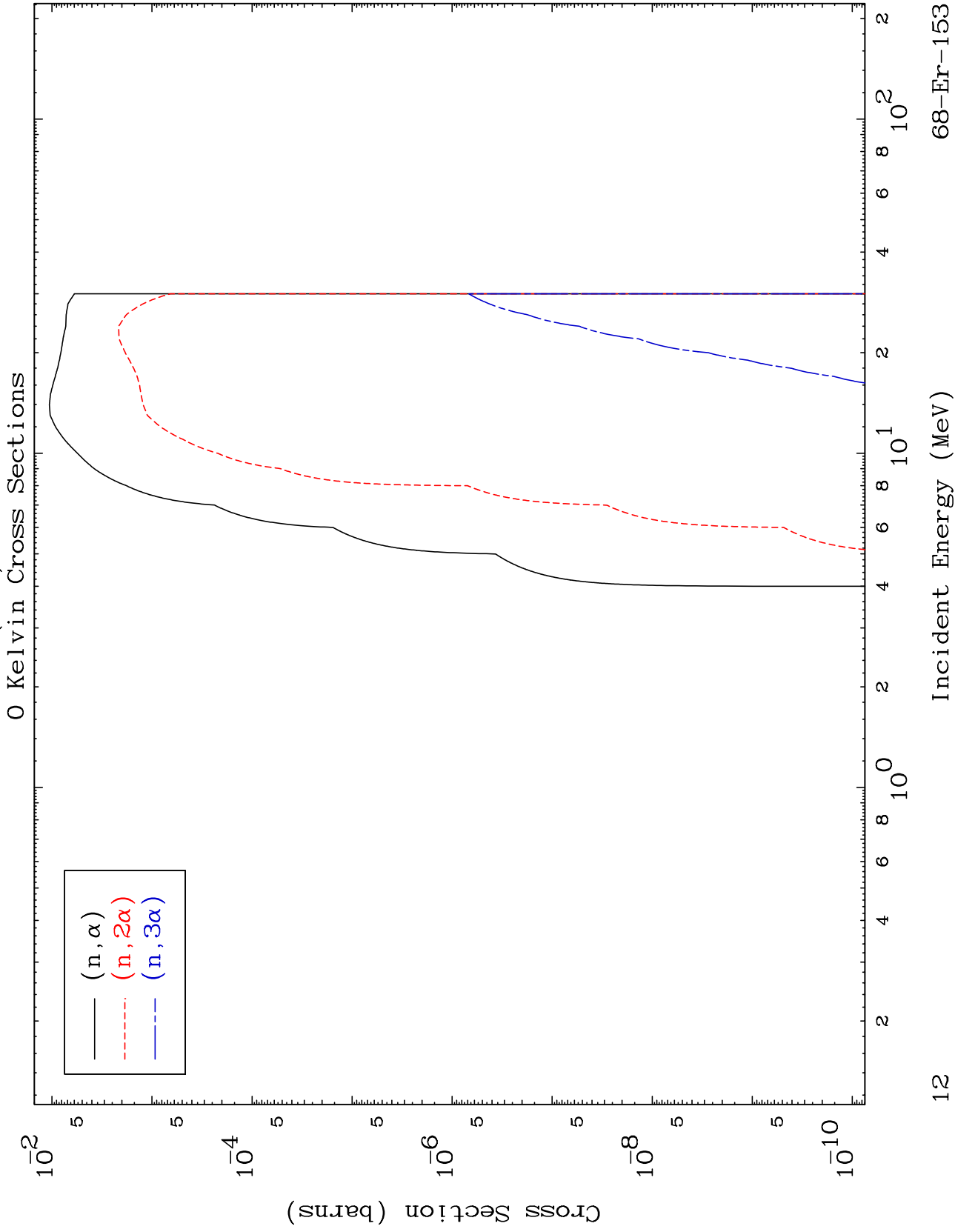
68-Er-153



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(t, α) Levels

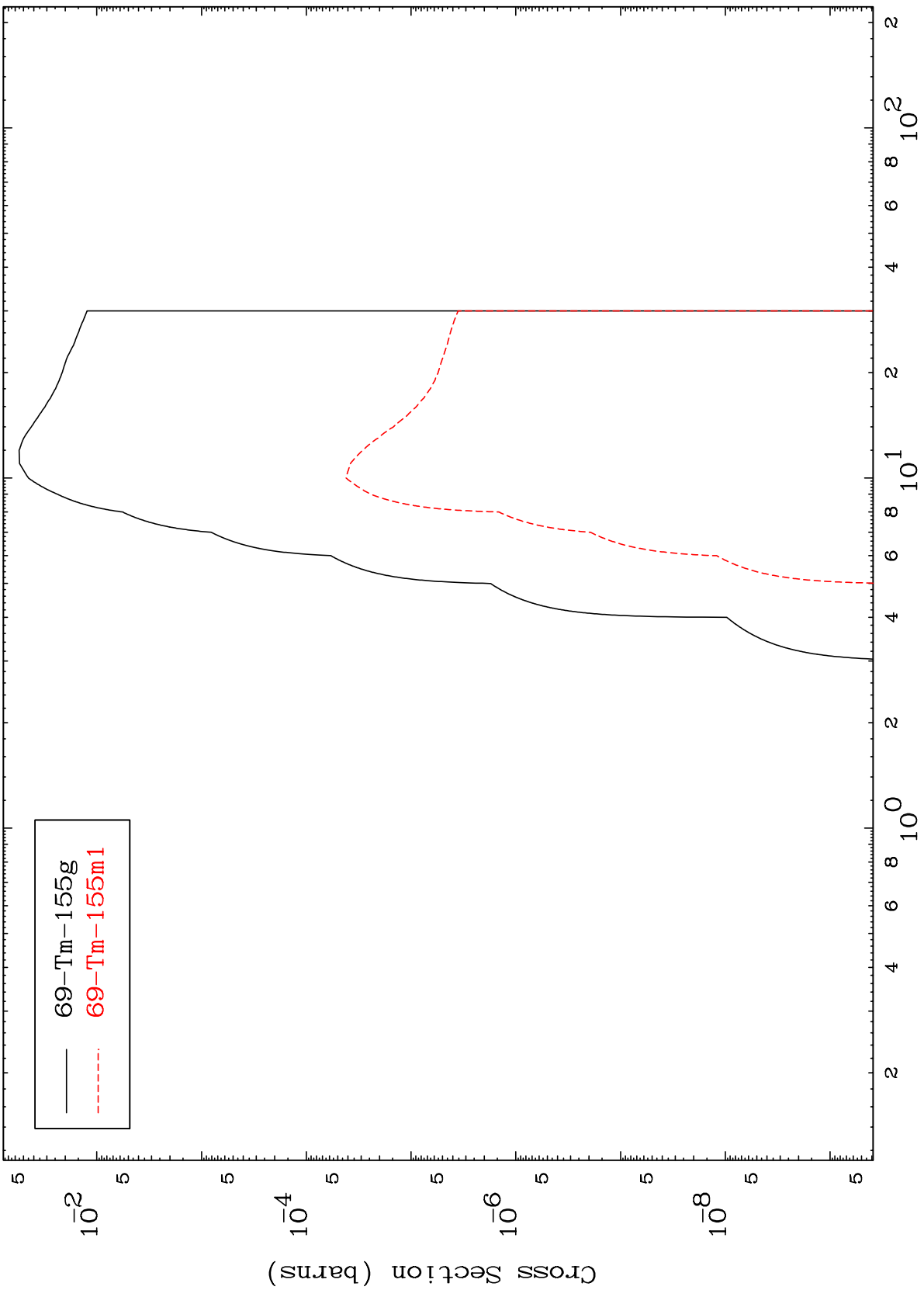
68-Er-153



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68-Er-153

Radionuclide Production Cross Section



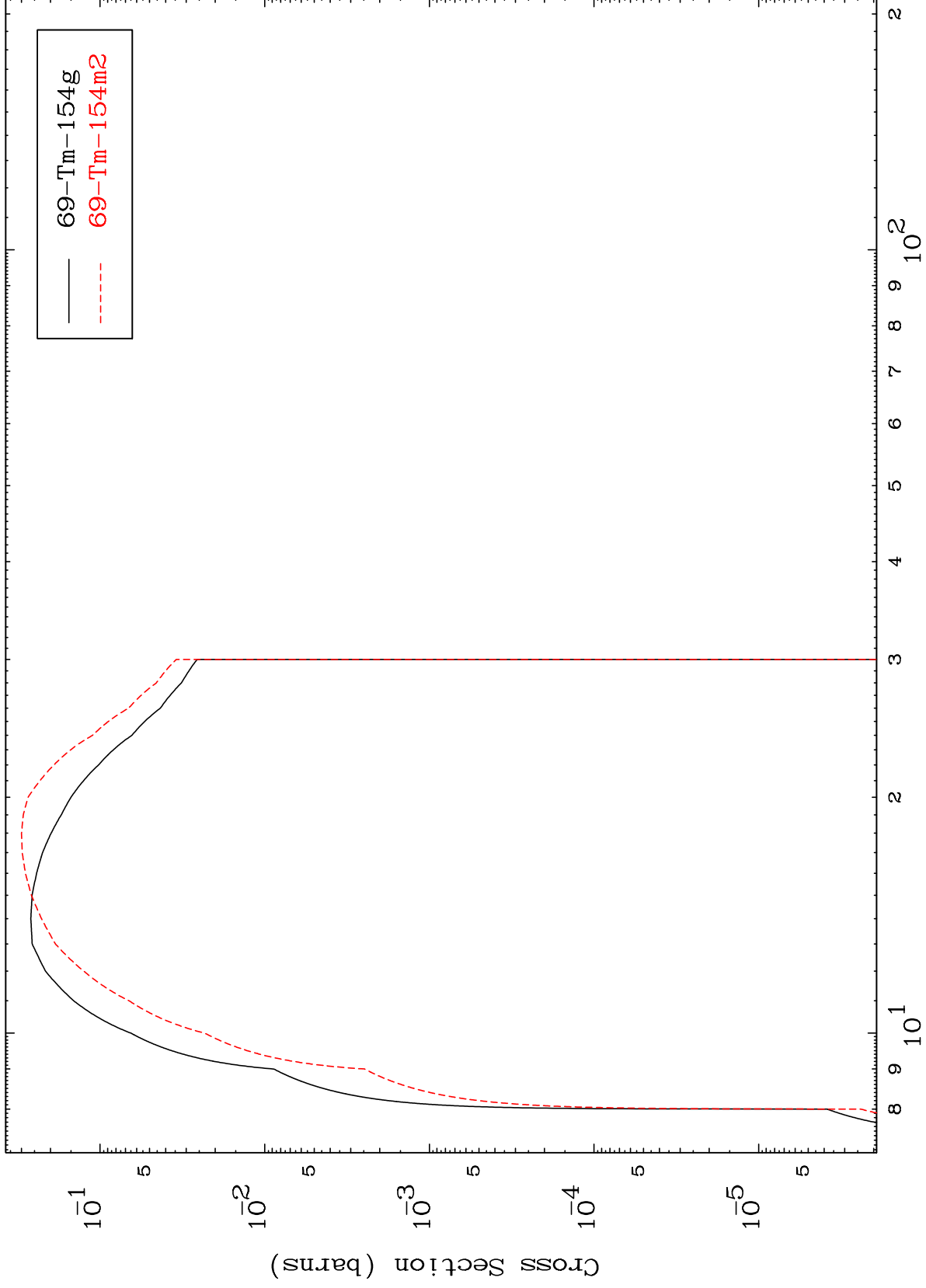
69-Tm-155g
69-Tm-155m1

68-Er-153

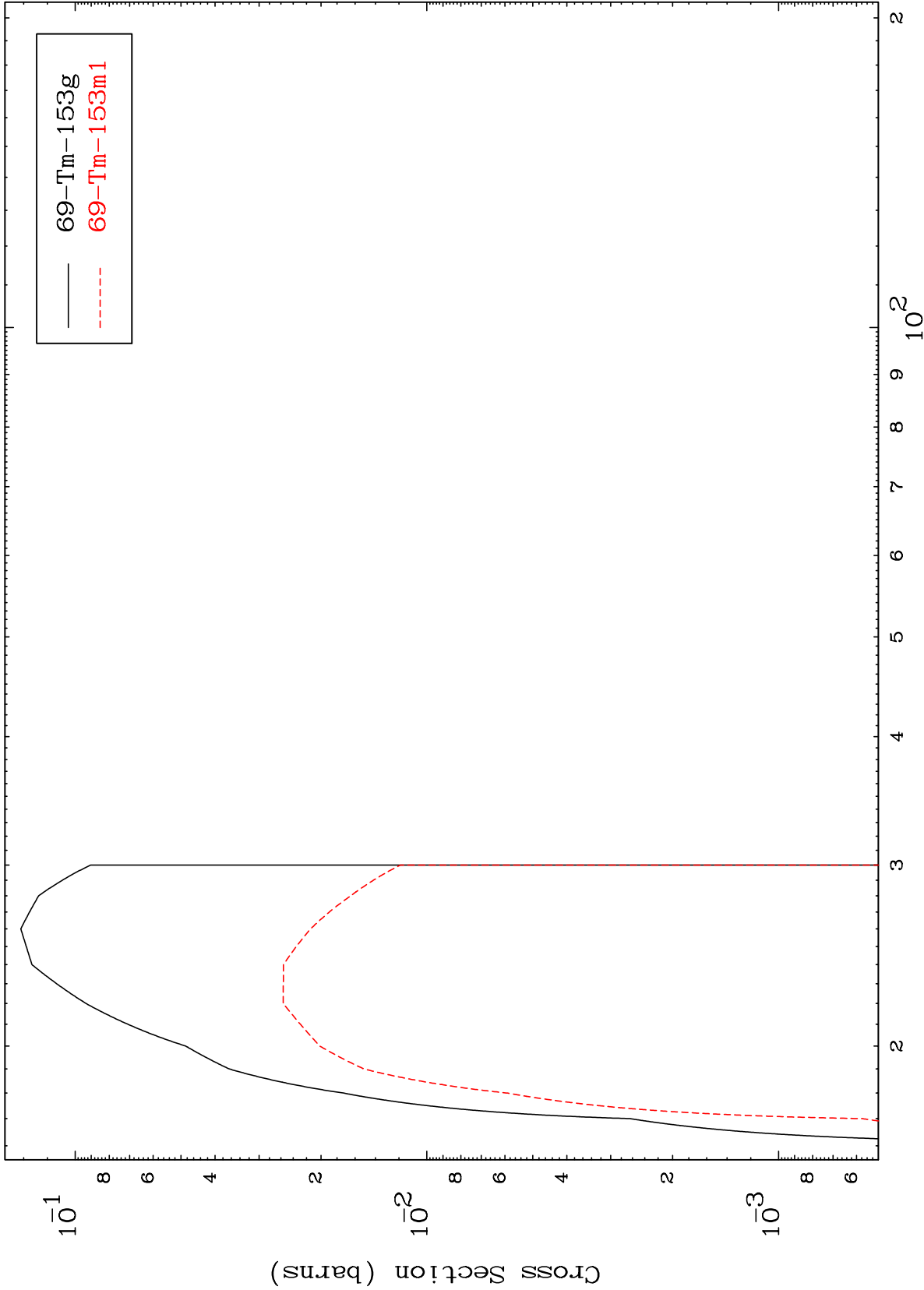
Incident Energy (MeV)

13

(n,2n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

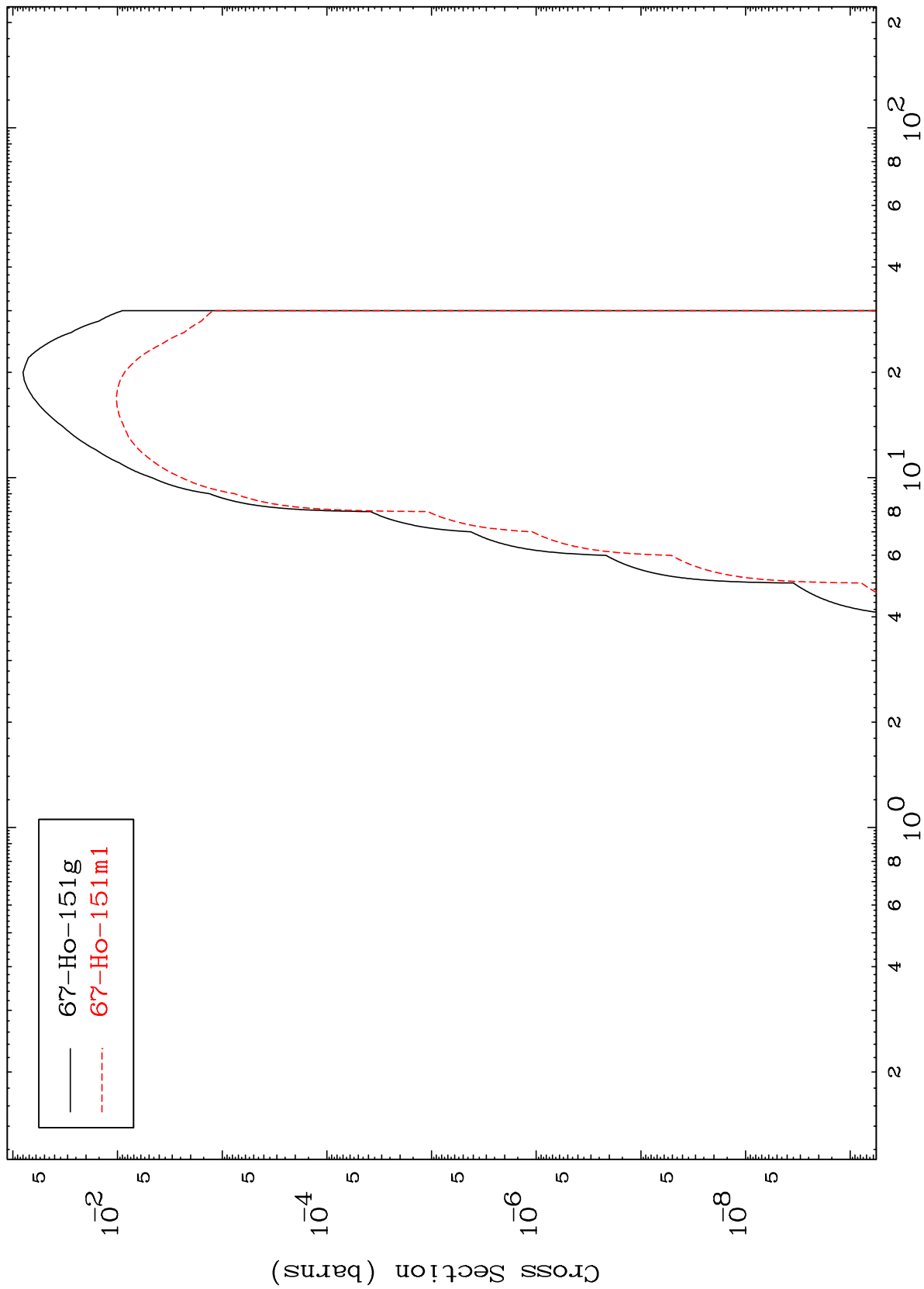


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$(n, n') \alpha$

68-Er-153

Radionuclide Production Cross Section

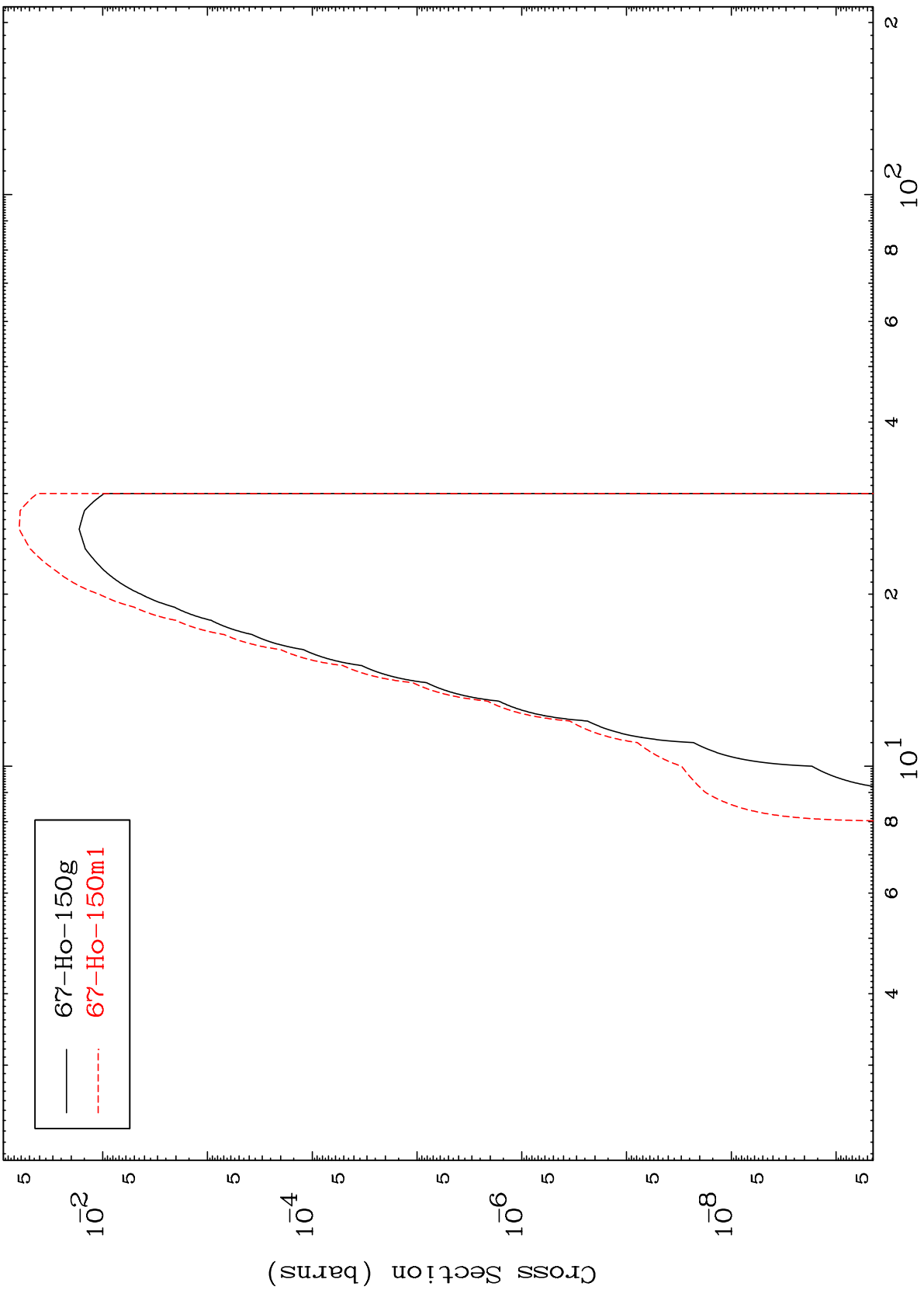


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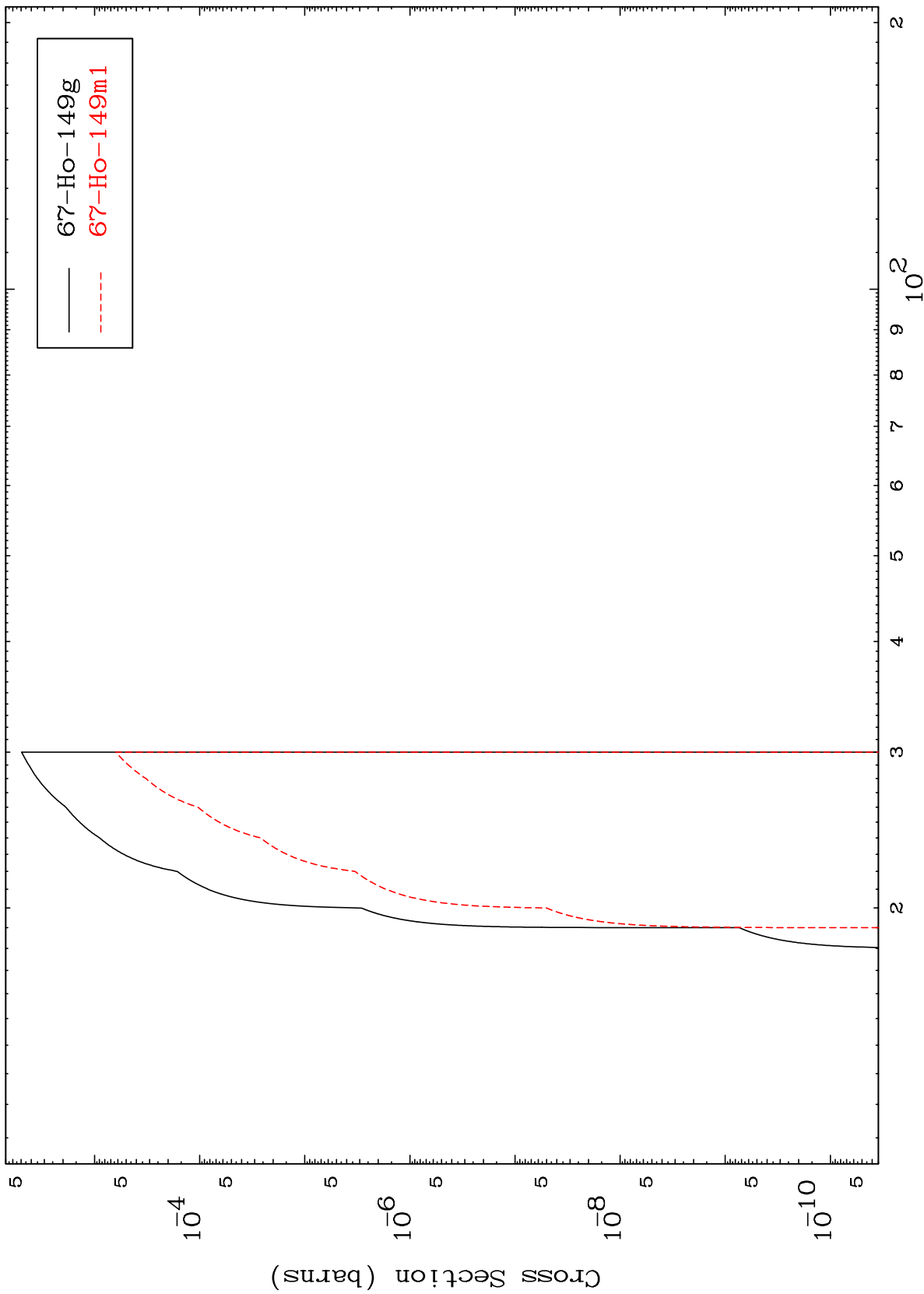
$(n,2n) \alpha$

68-Er-153

Radionuclide Production Cross Section



Radionuclide Production Cross Section

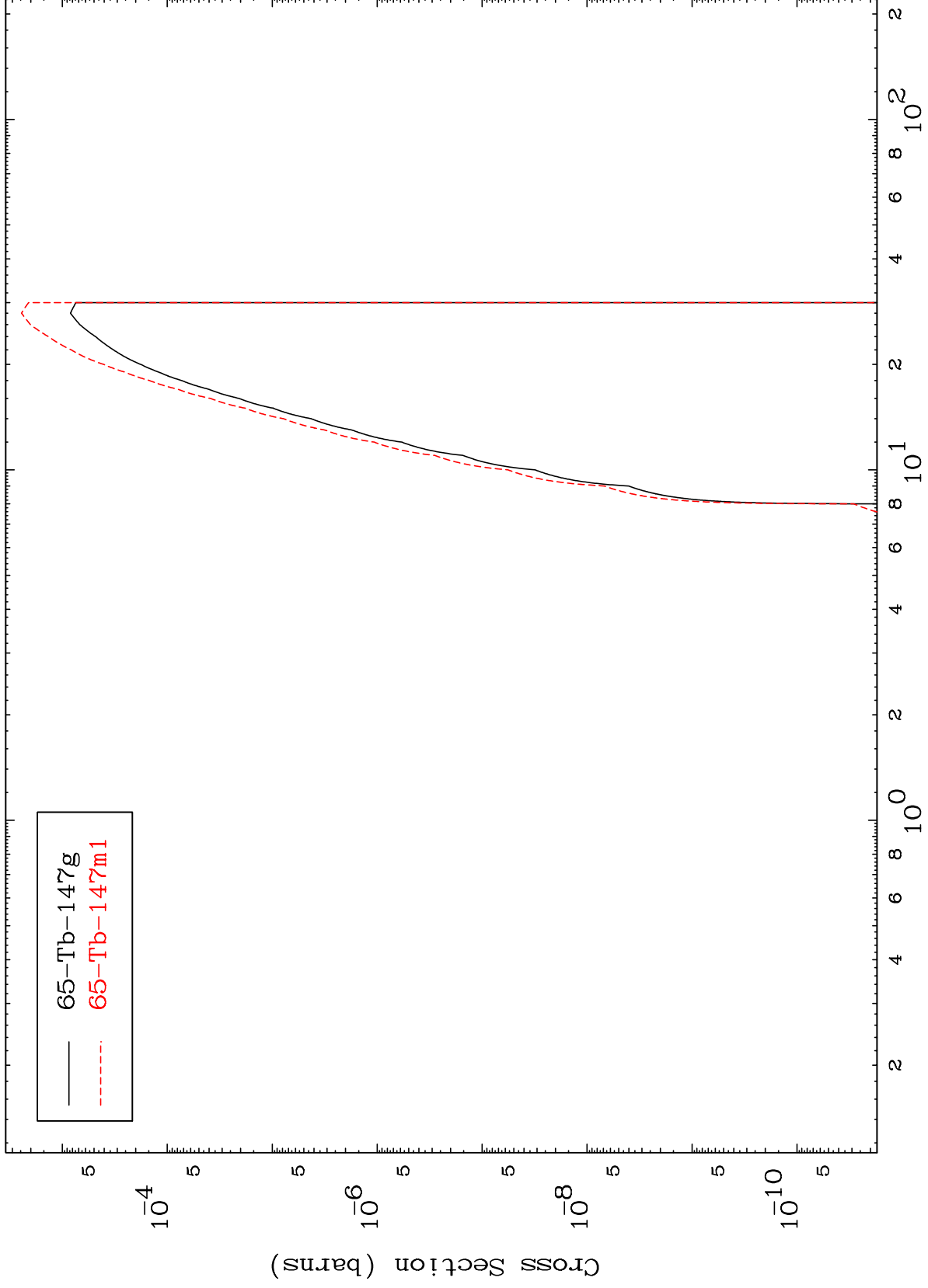


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(n,n') 2 α

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Radionuclide Production Cross Section



19

Incident Energy (MeV)

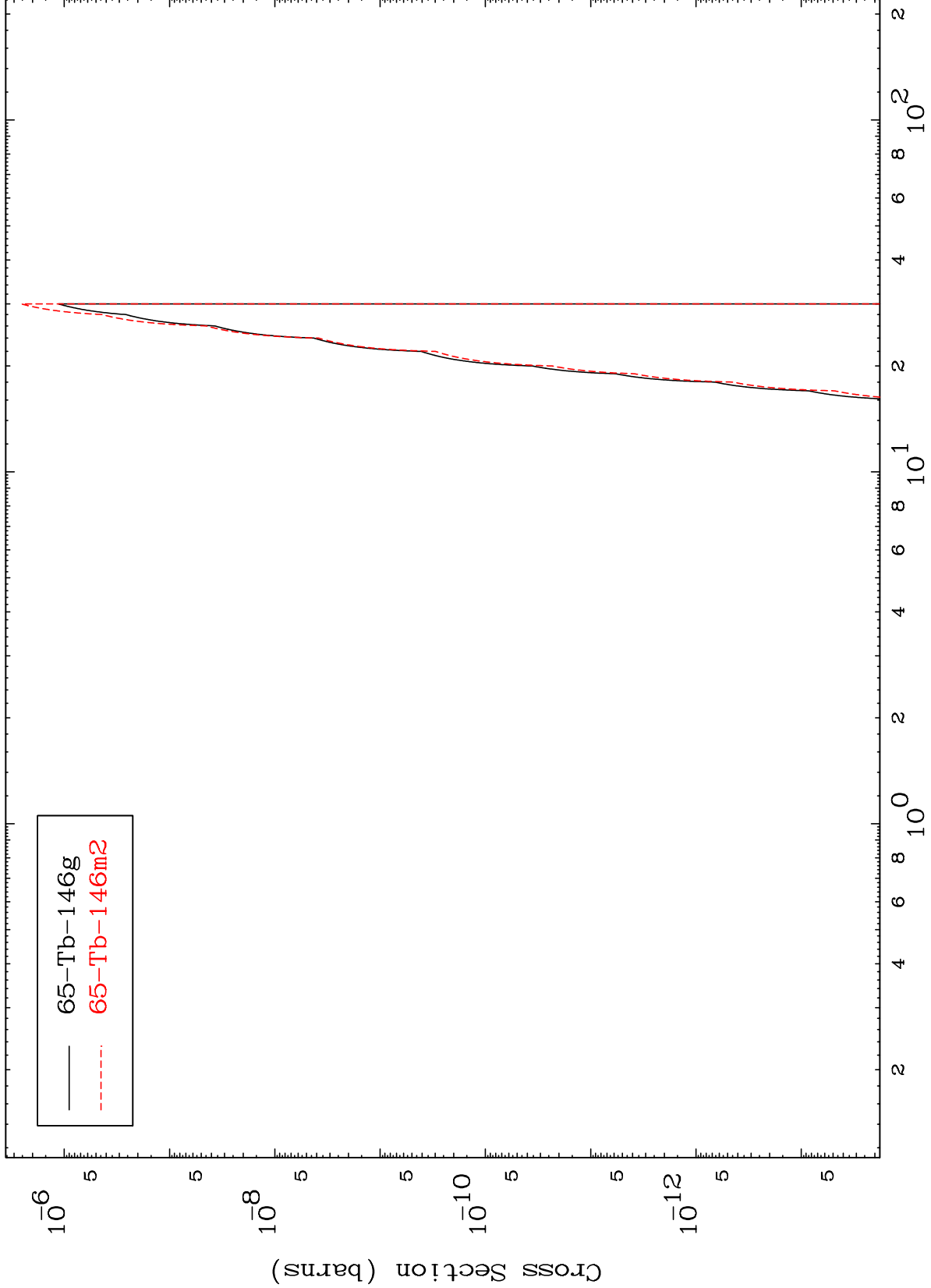
68-Er-153

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(n,2n) 2α

68-Er-153

Radionuclide Production Cross Section



20

Incident Energy (MeV)

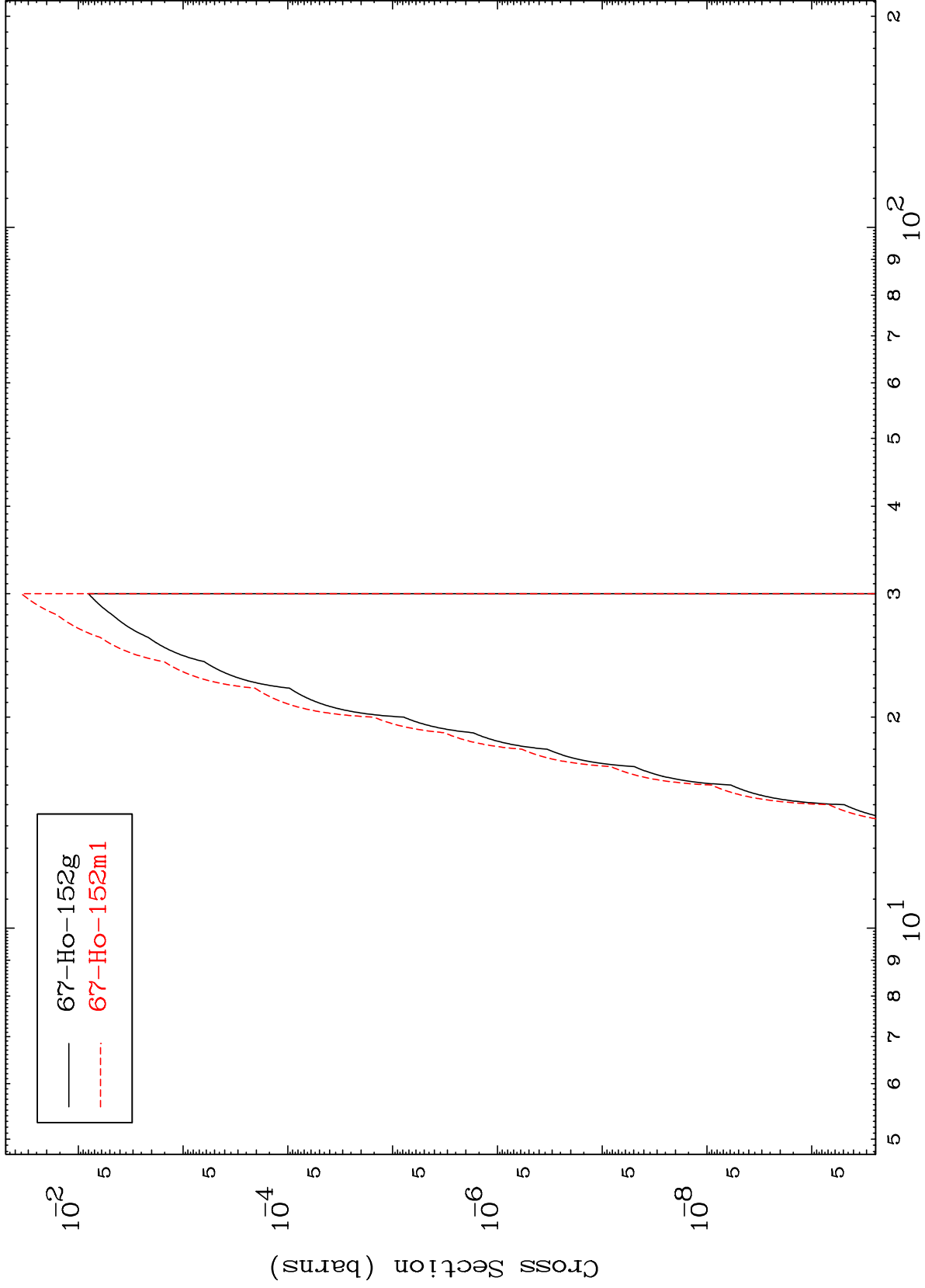
68-Er-153

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(n,n') He-3

68-Er-153

Radionuclide Production Cross Section

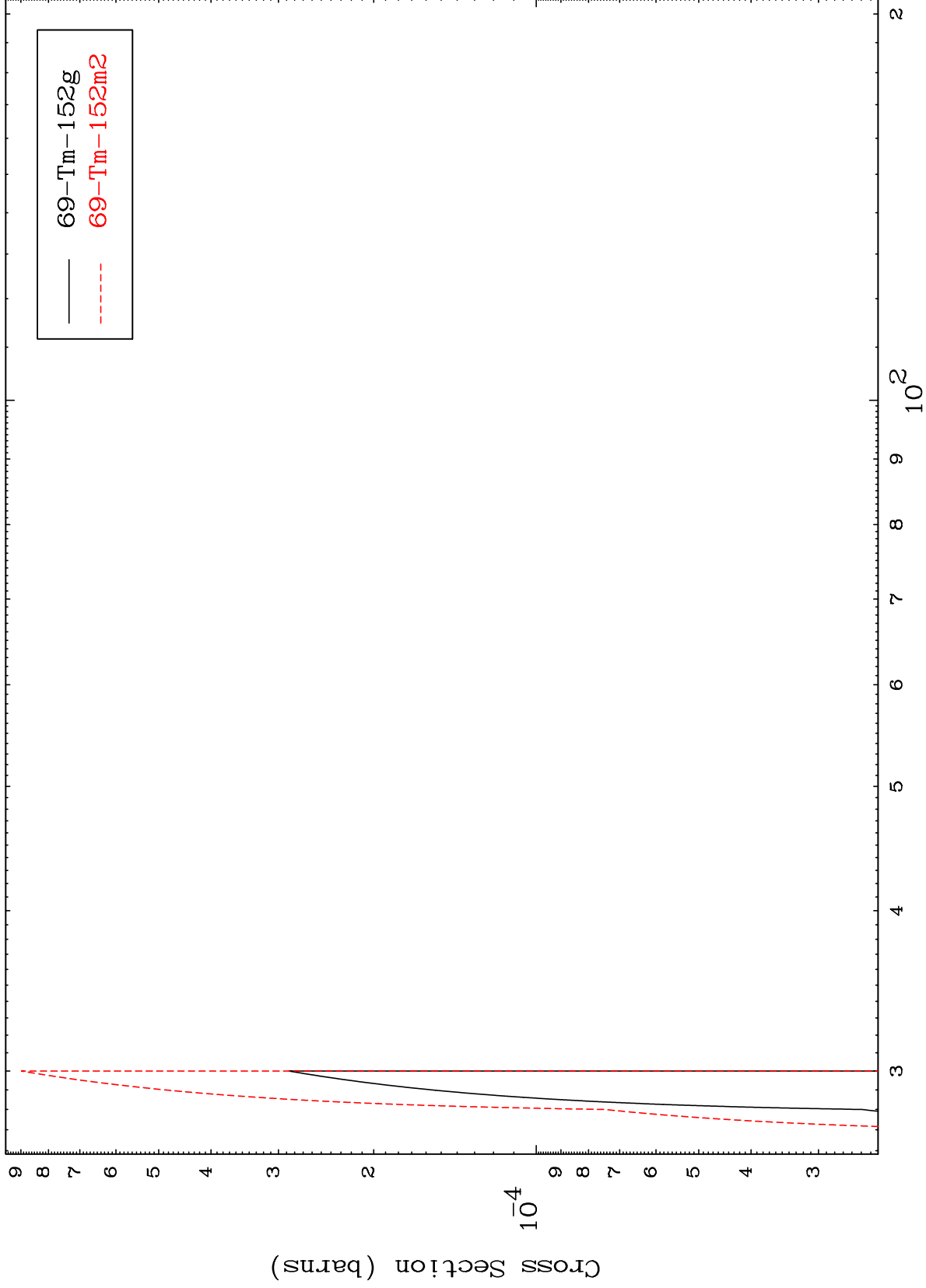


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(n,4n)

68-Er-153

Radionuclide Production Cross Section



22

Incident Energy (MeV)

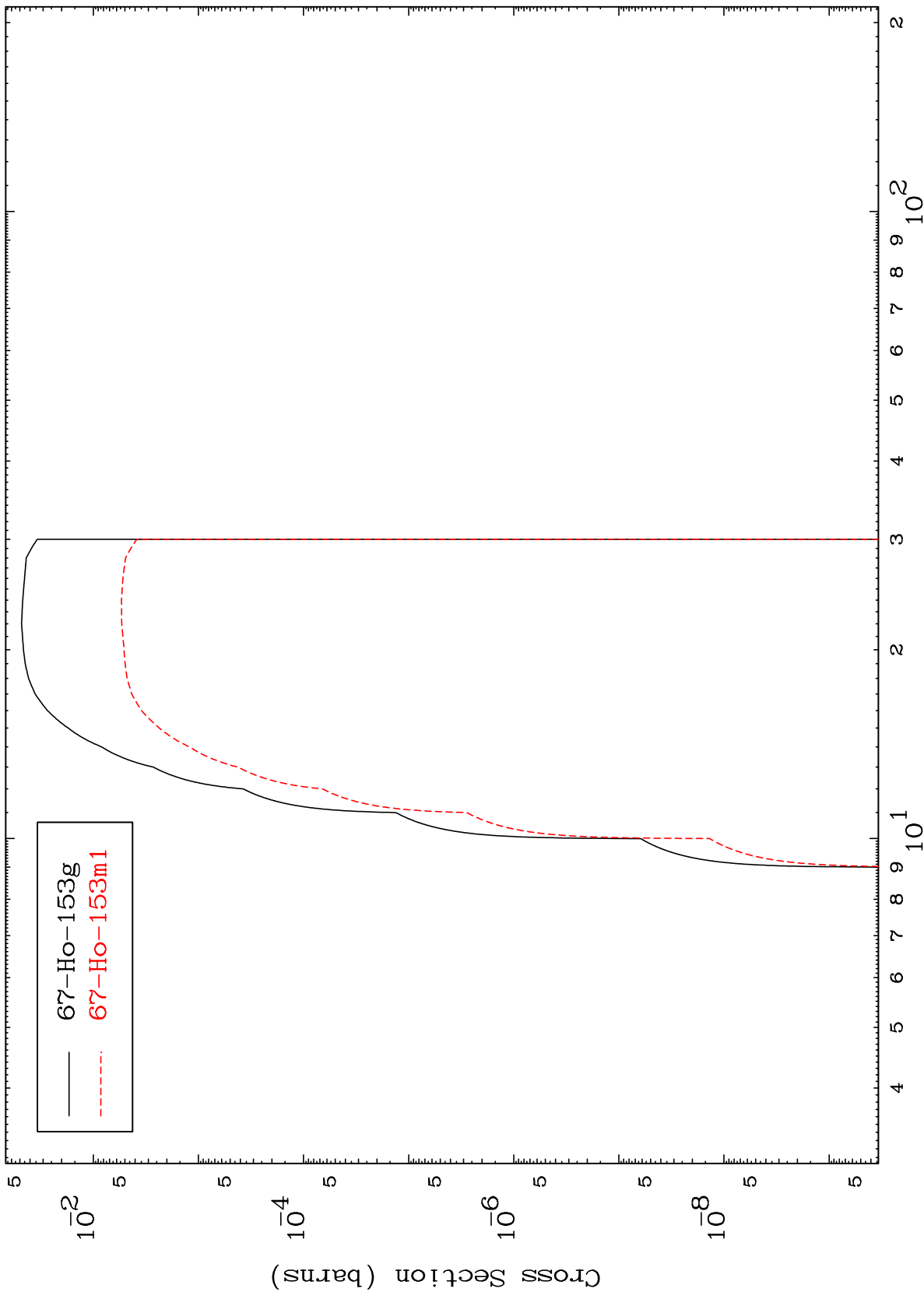
68-Er-153

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(n,2n) p

68-Er-153

Radionuclide Production Cross Section



23

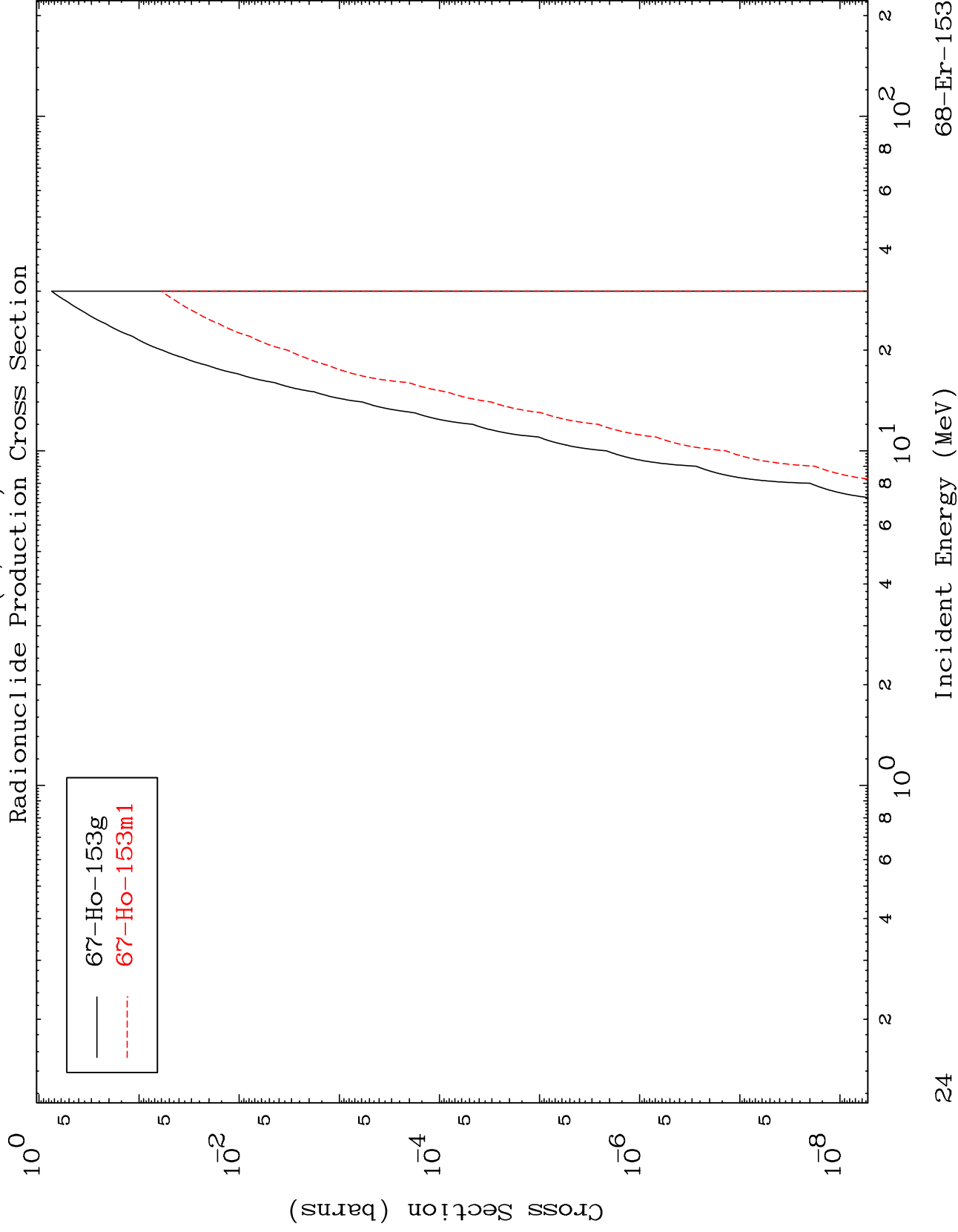
Incident Energy (MeV)

68-Er-153

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(n,He-3)

68-Er-153

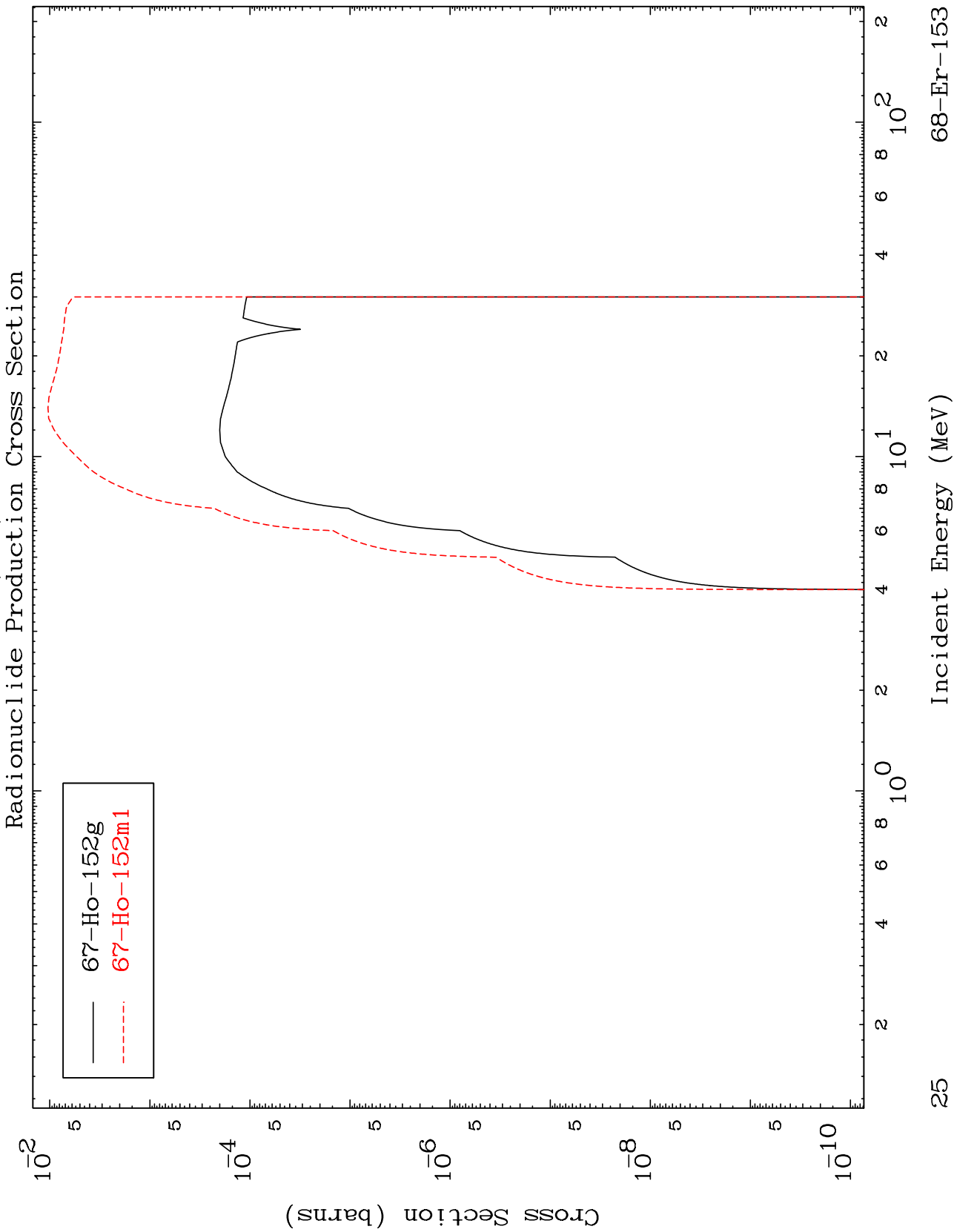


24

68-Er-153

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68-Er-153



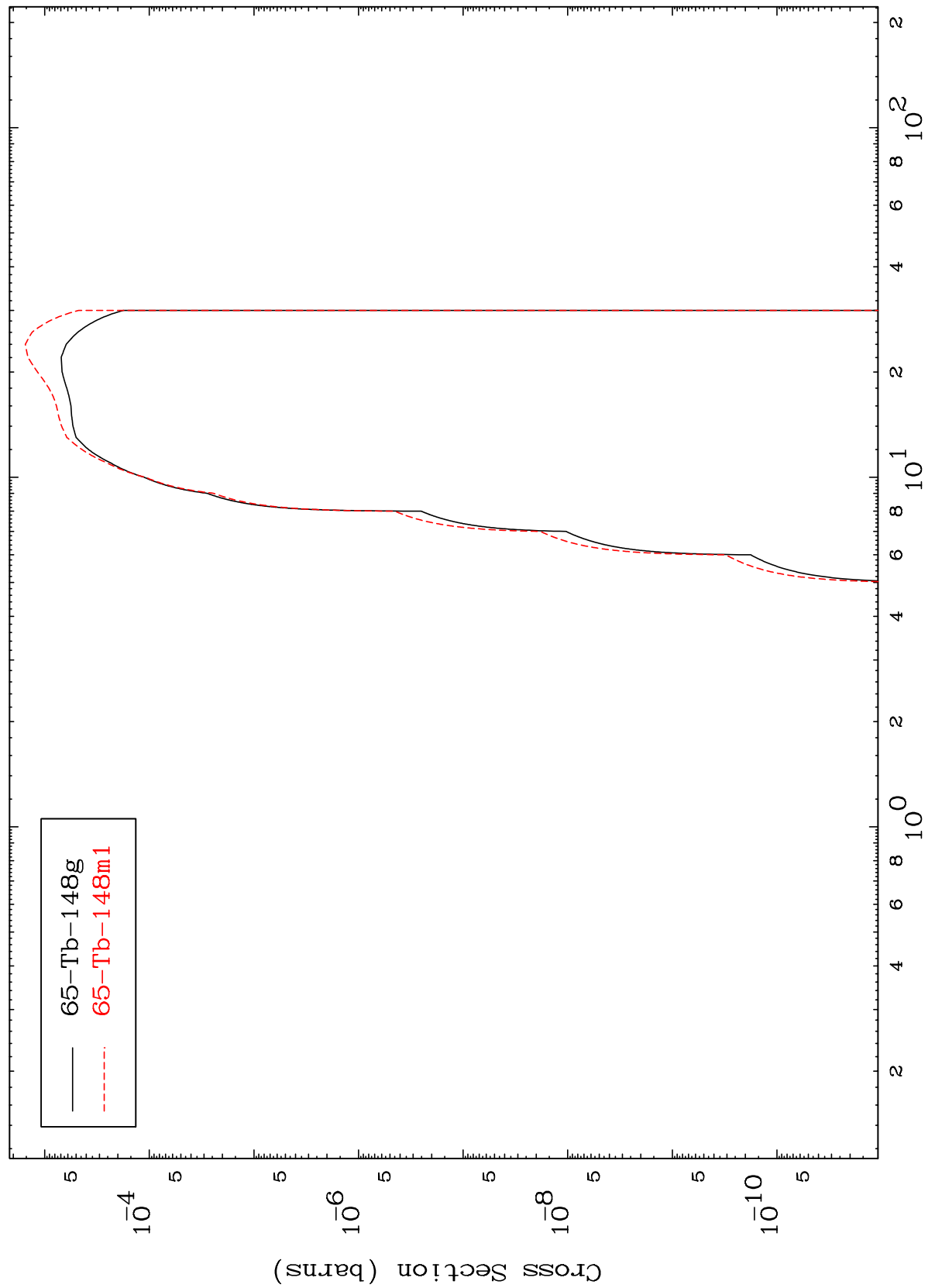
25

68-Er-153

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68-Er-153

Radionuclide Production Cross Section
(n,2α)



68-Er-153

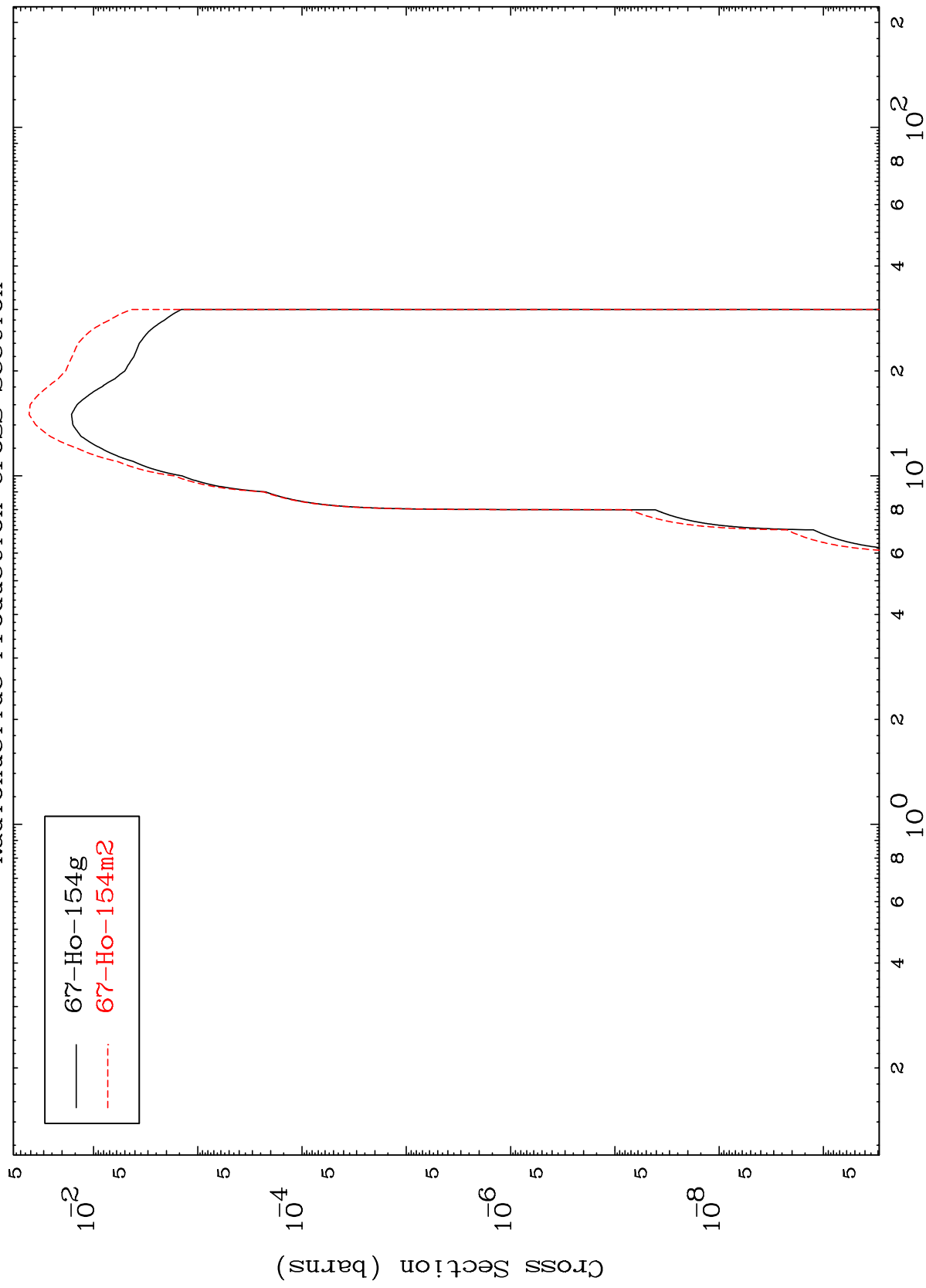
Incident Energy (MeV)

26

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68-Er-153

(n,2p)
Radionuclide Production Cross Section



27

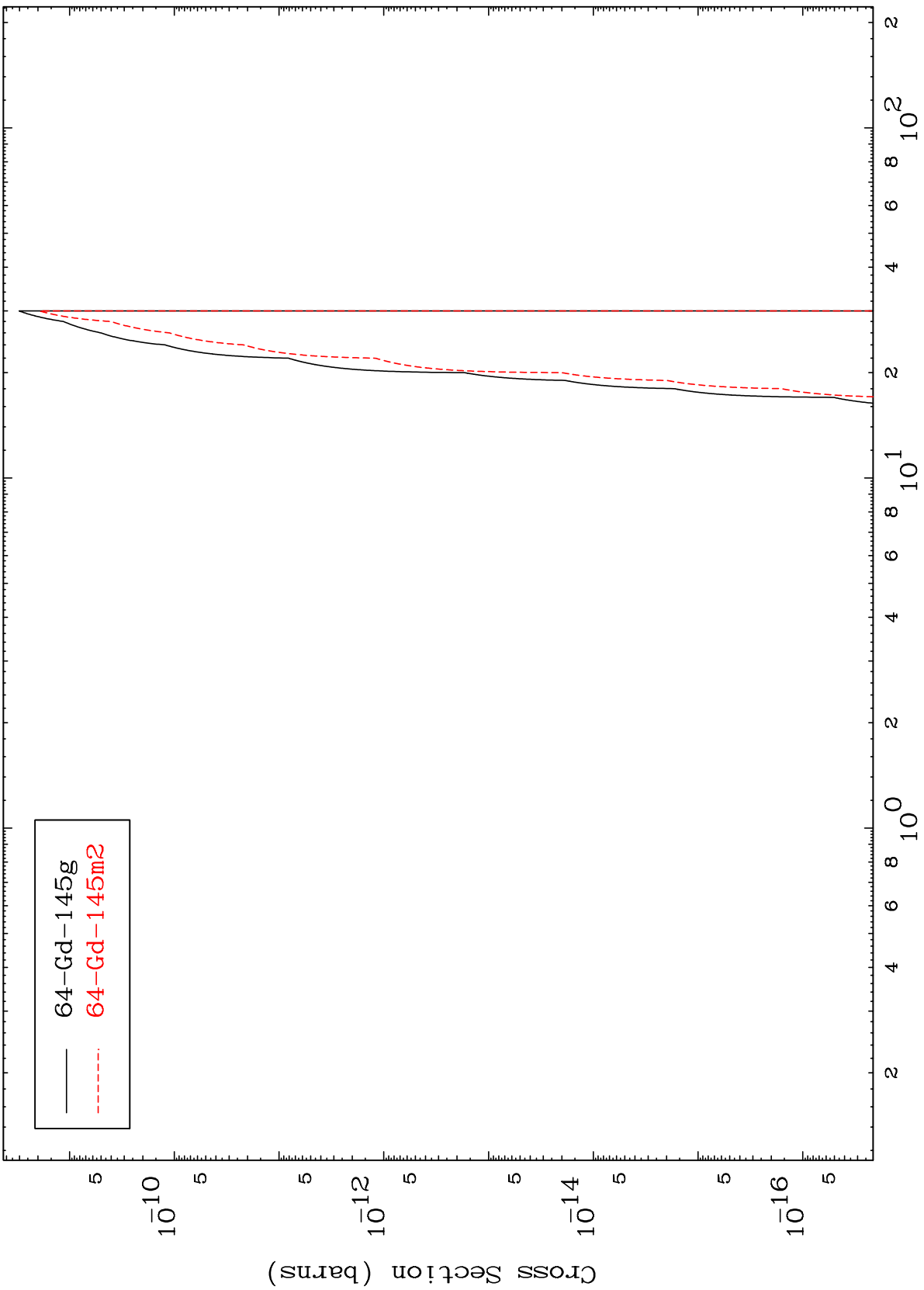
68-Er-153

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(n,t) 2 α

68-Er-153

Radionuclide Production Cross Section



28

Incident Energy (MeV)

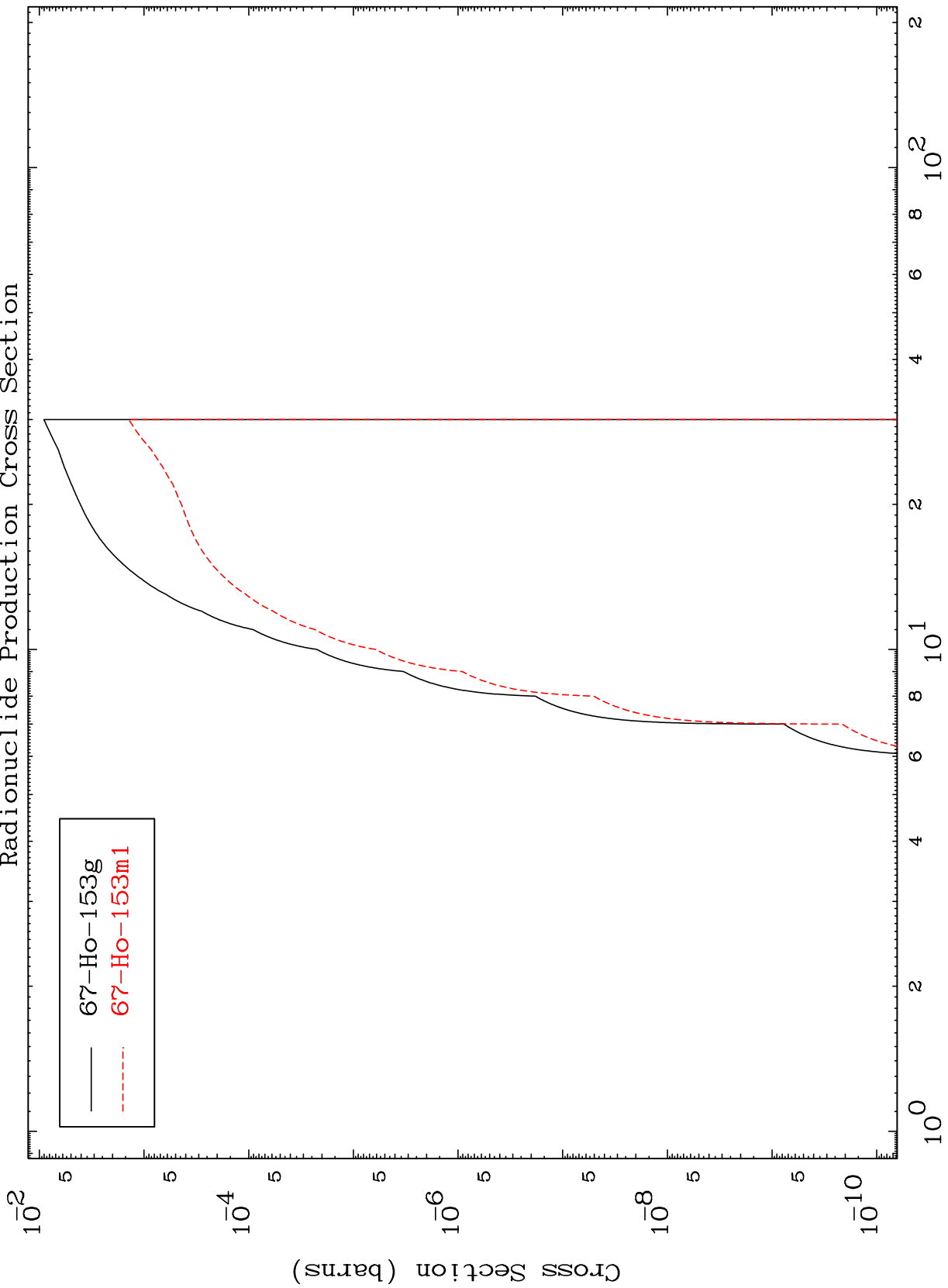
68-Er-153

MAT 6798

(n,p) d

68-Er-153

Radionuclide Production Cross Section



29

Incident Energy (MeV)

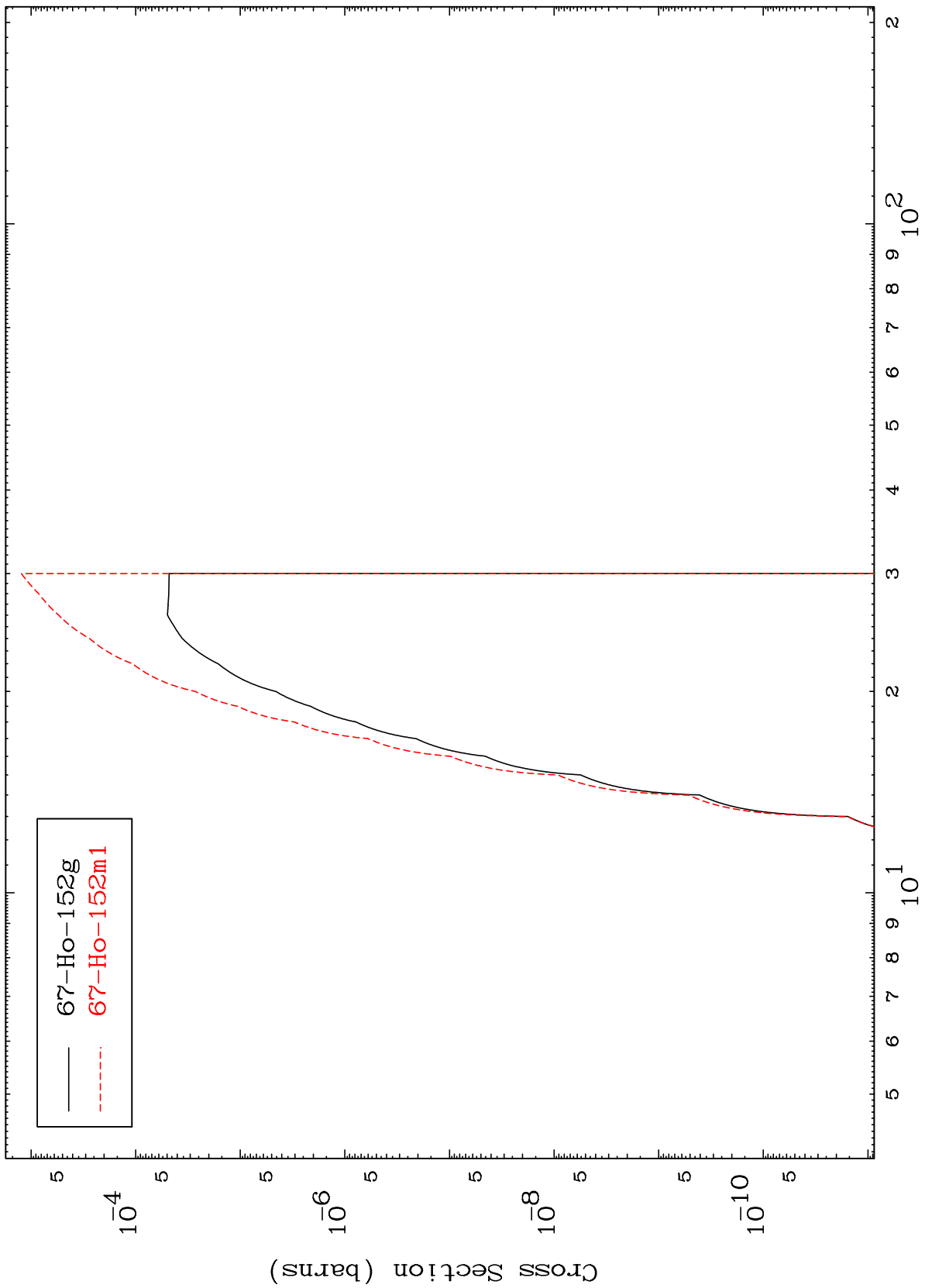
68-Er-153

MAT 6798

(n,p) t

68-Er-153

Radionuclide Production Cross Section



30

Incident Energy (MeV)

68-Er-153